PART A

IONOSPHERIC DATA

ISSUED
MARCH 1963

U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS
CENTRAL RADIO PROPAGATION LABORATORY
BOULDER, COLORADO

CRPL-F 223
PART A

NATIONAL BUREAU OF STANDARDS
CENTRAL RADIO PROPAGATION LABORATORY
BOULDER, COLORADO

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CONTENTS

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The CRPL-F series bulletins are issued as part of the responsibility of the Central Radio Propagation Laboratory for the exchange and distribution of ionospheric and related geophysical data. Part A, "Ionospheric Data," and Part B, "Solar-Geophysical Data," of the CRPL-F series present a variety of data in convenient form for use in research in radio propagation and the ionosphere and in other geophysical problems.

The current form of the tables of ionospheric data provides the monthly medians and, in addition, the number of values entering into the median determination (count) for all ionospheric characteristics listed. Also, when available, the upper and lower quartile values indicated by UQ and LQ in the tables, are listed for foF2, h'F2, h'F, and M(3000)F2. Quartile values are not listed for the other characteristics because of space limitations. The tables are prepared by IBM machine methods.

Beginning with CRPL-F221, Part A, "Ionospheric Data," the hourly median values for the graphs of critical frequencies and M(3000)F2 were plotted by machine methods instead of manually, as in earlier issues. Graphs of critical frequencies and M(3000)F2 will continue to appear. Graphs of percentage of time of occurrence for fEs and virtual heights of the regular ionospheric layers are no longer included. Data on percentage of time of occurrence of fEs above 3, 5, and 7 Mc are available from the CRPL and the IGY World Data Center for Airglow and Ionosphere.

For many years, the tables of ionospheric data appearing in the F series, Part A, listed values of medians recomputed at CRPL. While this practice enforced a certain uniformity, it was subject to some valid criticism for tampering with the original data. The tables and graphs now show the ionospheric data as they are provided by the originating laboratory. Responsibility for the accuracy and reliability of the data rests entirely with the originator.

Medians of data for the U.S. stations are computed in accordance with the recommendations of the World-Wide Soundings Committee. Data will appear in the F series, Part A, only when the complete daily-hourly tabulations have been received by the CRPL or the IGY World Data Center A for Airglow and Ionosphere.

Information on symbols, terminology, and conventions may be found in the "URSI Handbook of Ionogram Interpretation and Reduction, of the World-Wide Soundings Committee," edited by W. R. Piggott and K. Rawer (Elsevier, 1961), which supersedes previous documents. A list of symbols is available from CRPL on request.

The following table contains the latest available information on smoothed observed Zurich sunspot numbers, beginning with the minimum of April 1954. Final numbers are listed through June 1961, the succeeding values being based on provisional data.

Smoothed Observed Zurich Sunspot Number

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
1954				3	4	4	5	7	8	8	9	12
1955	14	16	19	23	29	35	40	46	55	64	73	81
1956	89	98	109	119	127	137	146	150	151	156	160	164
1957	170	172	174	181	186	188	191	194	197	200	201	200
1958	199	201	201	197	191	187	185	185	184	182	181	180
1959	179	177	174	169	165	161	156	151	146	141	137	132
1960	129	125	122	120	117	114	109	102	98	93	88	84
1961	80	75	69	64	60	56	53	52	52	51	50	48
1962	44	41	39	38	38	37	36	34				

Units of Ionospheric Data Tables

foF2,foEs - - - Tenths of a megacycle
foF1, FoE - - - Hundredths of a megacycle
h'F2, h'F, h'E- Kilometers
(M3000)F2 - - - Hundredths

NOTE: Occasionally, when the median falls between two of the observed values, the median is carried an extra decimal place beyond these units. Those cases are easily identifiable by the extra digit appearing to the right of the number, in a column usually left blank.

MED - Median
CNT - Count
UQ - Upper Quartile
LQ - Lower Quartile

WORLD-WIDE SOURCES OF IONOSPHERIC DATA

THE IONOSPHERIC DATA GIVEN IN TABLES 1 TO 100 AND FIGURES 1 TO 100 WERE ASSEMBLED BY THE CENTRAL RADIO PROPAGATION LABORATORY FOR ANALYSIS, CORRELATION AND DISTRIBUTION. THE FOLLOWING ARE THE SOURCES OF THE DATA IN THIS ISSUE:

REPUBLICA ARGENTINA, MINISTERIO DE MARINA.
BUENOS AIRES, ARGENTINA

COMMONWEALTH OF AUSTRALIA, IONOSPHERIC PREDICTION SERVICE OF THE COMMONWEALTH OBSERVATORY.
BRISBANE, AUSTRALIA
CANBERRA, AUSTRALIA
TOWNSVILLE, AUSTRALIA
WILKES STATION, ANTARCTICA

AUSTRALIAN DEPARTMENT OF NATIONAL DEVELOPMENT, BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS.
MUNDARING, WESTERN AUSTRALIA

UNIVERSITY OF GRAZ.
GRAZ, AUSTRIA

BELGIAN ROYAL METEOROLOGICAL INSTITUTE.
DOURBES, BELGIUM

UNIVERSIDAD MAYOR DE SAN ANDRES.
LA PAZ, BOLIVIA

BRITISH DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RADIO RESEARCH BOARD.
FALKLAND IS.

DEFENCE RESEARCH BOARD, CANADA.
CHURCHILL, CANADA
OTTAWA, CANADA
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WINNIPEG, CANADA

UNIVERSIDAD DE CONCEPCION.
CONCEPCION, CHILE

RADIO WAVE RESEARCH LABORATORIES, NATIONAL TAIWAN UNIVERSITY, TAIPEH, FORMOSA, CHINA.
FORMOSA, CHINA

CENTRAL AFRICAN INSTITUTE FOR SCIENTIFIC RESEARCH.
LWIRO, CONGO

DANISH NATIONAL COMMITTEE OF URSI.
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IONOSPHERIC RESEARCH GROUP (GRI), FRANCE.
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CASABLANCA, MOROCCO
DAKAR, SENEGAL
DJIBOUTI, FRENCH SOMALILAND
PARIS, FRANCE
POITIERS, FRANCE
TAHITI, SOCIETY IS.
TAMANRASSET, ALGERIA
TANANARIVE, MALAGASY REPUBLIC

IONOSPHERE INSTITUTE, NATIONAL OBSERVATORY OF ATHENS.
ATHENS (SCARAMANGA), GREECE

INDIAN COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH,
RADIO RESEARCH COMMITTEE, NEW DELHI, INDIA.
AHMEDABAD, INDIA (PHYSICAL RESEARCH LABORATORY)
BOMBAY, INDIA (ALL INDIA RADIO)
CALCUTTA, INDIA (INSTITUTE OF RADIO PHYSICS AND ELECTRONICS)
DELHI, INDIA (ALL INDIA RADIO)
KODAIKANAL, INDIA (INDIA METEOROLOGICAL DEPARTMENT)
MADRAS, INDIA (ALL INDIA RADIO)
TIRUCHY, INDIA (ALL INDIA RADIO)
TRIVANDRUM, INDIA (ALL INDIA RADIO)

NATIONAL INSTITUTE OF GEOPHYSICS, CITY UNIVERSITY, ROME, ITALY.
ROME, ITALY

MANILA OBSERVATORY, PHILIPINES.
BAGUIO, LUZON

INSTITUTE OF TELECOMMUNICATION, WARSAW, POLAND.
WARSAW, POLAND

RESEARCH INSTITUTE OF NATIONAL DEFENCE, STOCKHOLM, SWEDEN.
UPPSALA, SWEDEN

UNITED STATES ARMY SIGNAL CORPS., UNITED STATES OF AMERICA.
ADAK, ALASKA
FT. MONMOUTH, NEW JERSEY
OKINAWA I.
WHITE SANDS, NEW MEXICO

NATIONAL BUREAU OF STANDARDS, UNITED STATES OF AMERICA.
(CENTRAL RADIO PROPAGATION LABORATORY).
ANCHORAGE, ALASKA
BARROW, ALASKA
FAIRBANKS, ALASKA (GEOPHYSICAL INSTITUTE OF UNIVERSITY ALASKA)
WASHINGTON, D.C.

TABLES OF IONOSPHERIC DATA

September 1962 - November 1956

TABLE 1

BAGUIO, P. I. (16.4N, 120.6E) TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	U 67	U 65	U 60	U 35	U 30	U 30	48	70	78	88	94	97	99	102	106	U 116	U 119	U 116	U 110	U 104	U 94	U 90	U 74	U 74
	CNT	20	24	17	19	14	8	29	30	30	30	28	28	29	30	29	27	23	16	22	18	22	21	24	19
	UQ	78	73	70	48	36	43	52	76	84	92	100	104	107	108	114	126	128	122	114	108	102	102	89	84
	LQ	58	55	49	31	30	30	46	66	75	83	90	91	92	94	100	101	112	107	104	92	88	79	66	60
h'F2	MED								240	275	310	330	345	355	345	330	315	285	265						
	CNT								6	6	8	14	22	23	20	24	27	27	18						
	UQ																								
	LQ																								
h'F	MED	290	250	240	E 245	E 260	240	250	235	220	210	210	E 220	215	E 220	215	220	230	250	250	250	250	255	290	295
	CNT	29	29	29	21	16	11	30	26	13	8	9	9	7	7	6	10	12	19	30	30	30	29	29	27
	UQ																								
	LQ																								
M(3000)F2	MED	U 310	U 330	U 350	U 340	340	U 340	330	345	315	270	255	245	255	265	U 270	U 295	U 315	U 315	U 320	U 305	U 305	U 310	U 295	U 295
	CNT	19	23	16	16	11	5	29	30	30	30	27	27	27	27	25	25	17	11	15	14	20	20	23	19
	UQ	325	350	355	350	340	350	340	355	320	285	275	270	270	275	290	320	330	330	330	315	315	320	305	315
	LQ	290	305	330	310	320	320	325	330	300	260	245	225	235	240	260	275	300	305	305	295	305	295	285	285
foF1	MED											U 450	U 470	U 480	U 470	U 460									
	CNT											1	3	3	1	2									
foE	MED									U 290	U 330							U 280							
	CNT									2	2							1							
h'E	MED									121	E 129							119							
	CNT									1	1							1							
foEs	MED								36	45	49	49	49	48	51	38		38			30				
	CNT	30	30	30	30	29	29	30	27	29	300	29	28	30	30	30	30	29	30	30	29	30	30	30	30

SWEEP 1.0 MC TO 25.0 MC IN 27 SECONDS. SEPTEMBER, 1962

TABLE 2

ROME, ITALY (41.8N, 12.5E) TIME 15.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	54	49	50	45	42	42	48	56	58	56	60	62	60	62	59	59	60	59	61	68	U 69	60	61	57
	CNT	19	20	20	20	19	22	24	20	21	19	19	17	19	21	22	25	25	23	20	22	20	11	14	20
	UQ	60	53	52	50	47	45	54	60	62	67	68	68	62	64	64	61	62	62	67	75	78	67	66	61
	LQ	47	45	43	40	35	39	45	50	53	52	55	54	54	55	55	55	57	55	56	59	63	56	56	52
h'F2	MED							2	320	330	340	340	330	370	360	350	360	340	310						
	CNT								5	10	12	16	13	16	21	19	23	14	10	2					
	UQ								380	380	380	370	370	400	400	370	400	350	340						
	LQ								310	300	330	320	320	360	330	330	340	330	300						
h'F	MED	290	290	290	280	280	250	240	230	230	210	210	200	210	210	220	220	240	240	240	250	250	250	270	290
	CNT	20	24	20	21	17	21	17	11	7	10	10	10	12	17	13	14	9	12	7	16	23	17	16	17
	UQ	300	300	290	300	300	260	250	240	240	220	230	220	220	220	230	230	250	240	250	260	260	260	270	300
	LQ	280	270	270	260	260	250	220	200	220	210	210	200	210	200	210	210	210	220	210	250	240	230	250	260
M(3000)F2	MED	280	285	285	295	295	300	305	310	300	295	300	305	285	290	295	290	300	305	300	300	U 310	U 300	290	280
	CNT	17	20	18	18	18	20	24	20	20	19	18	15	18	20	20	24	25	22	20	22	17	8	14	19
	UQ	290	295	300	305	305	335	325	325	320	305	310	315	290	295	300	300	305	305	310	305	315	315	300	295
	LQ	270	275	280	290	285	285	290	300	285	285	290	290	280	280	285	285	290	295	290	295	300	300	285	270
foF1	MED								400	430	440	450	460	460	460	450	440	430	410						
	CNT							2	5	11	13	16	13	17	22	19	23	14	10	2					
foE	MED						170	210	260	290	320	330	340	340	340	340	330	300	280	230	180				
	CNT						7	24	22	22	24	21	21	18	21	20	21	20	21	22	8				
h'E	MED						140	120	110	110	110	110	110	110	110	110	110	110	110	120	130				
	CNT						6	24	25	26	26	25	24	23	25	26	26	24	26	25	7				
foEs	MED																								
	CNT	26	26	26	24	25	26	25	25	26	260	25	24	24	25	26	26	24	26	25	27	26	26	27	26

SWEEP 1.4 MC TO 15.0 MC IN 5 MINUTES. AUTOMATIC. JULY, 1962

TABLE 3

BAGUIO, P. I. (16.4N, 120.6E) TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	40	38	38	44	36	30	48	60	66	70	77	80	85	87	89	91	99	100	95	86	70	60	60	55
	CNT	8	10	10	9	13	12	30	31	31	31	31	30	31	31	31	30	31	27	27	26	25	21	11	9
	UQ	60	43	48	46	44	36	51	64	70	76	82	85	90	90	92	97	101	106	100	90	78	69	70	59
	LQ	40	36	30	30	34	25	45	57	62	67	72	78	83	84	87	90	94	91	92	73	63	54	42	42
h'F2	MED								275	315	350	395	420	410	420	415	385	335	295						
	CNT								5	14	23	27	28	29	30	31	29	28	24						
	UQ																								
	LQ																								
h'F	MED	330	300	290	270	245	260	240	225	210	210	210	210	200	210	205	210	210	225	245	235	265	300	315	340
	CNT	19	22	22	18	15	16	29	24	20	16	20	13	16	18	23	17	19	17	27	29	28	27	19	21
	UQ																								
	LQ																								
M(3000)F2	MED	295	295	315	315	320	345	335	330	300	270	255	250	245	245	255	265	285	* 295	315	315	300	290	275	275
	CNT	6	9	10	5	11	9	29	30	30	28	31	30	31	31	31	29	27	19	20	24	19	19	8	8
	UQ	315	300	325	360	340	355	355	345	315	290	265	255	265	260	265	275	295	320	335	330	310	310	300	290
	LQ	285	290	295	310	305	320	325	315	285	255	245	240	235	235	245	255	275	280	295	300	290	285	275	270
foF1	MED									440	450	450	460	460	460	450	440	430	410						
	CNT									6	16	18	16	16	22	25	19	14	1						
foE	MED							185	250	295	330	340	355	360	360	345	320		D 230						
	CNT							1	8	7	9	5	5	5	5	3	5		1						
h'E	MED							129	119	115	117	115	121	119	121	117	118	111	121						
	CNT							1	12	5	8	7	4	5	5	3	6	1	1						
foEs	MED		25	26	24	25	28	30	38	43	48	48	52	49	49	42	46	39	43	41	40	28	29		25
	CNT	29	29	27	28	29	30	30	31	31	310	30	30	31	29	31	30	31	31	31	30	31	31	31	29

SWEEP 1.0 MC TO 25.0 MC IN 27 SECONDS. JULY, 1962

TABLE 4

ST. JOHNS, NEWFOUNDLAND (47.6N, 52.7W) TIME 60.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	42	38	32	31	37	42	47	52	54	54	55	55	55	55	57	59	60	60	64	68	65	62	51	48
	CNT	28	29	28	30	30	30	29	30	28	29	29	29	27	28	29	30	30	30	30	30	26	26	25	28
	UQ	48	42	39	37	40	46	52	55	57	60	57	58	59	58	60	61	63	61	68	70	67	64	60	52
	LQ	36	32	28	26	32	38	43	50	51	52	52	52	53	53	54	54	55	58	60	62	58	52	47	42
h'F2	MED					2	305	340	310	340	350	350	375	365	385	380	350	320	300	290					
	CNT						11	24	26	28	27	29	29	28	28	28	29	28	27	24					
	UQ																								
	LQ																								
h'F	MED	270	285	280	270	250	230	220	210	205	200	200	200	200	200	200	205	210	225	250	250	245	250	260	275
	CNT	24	21	23	19	22	25	27	25	26	29	27	25	24	25	26	26	25	20	17	27	28	29	29	27
	UQ																								
	LQ																								
M(3000)F2	MED	280	280	280	290	300	310	310	310	310	300	300	290	290	280	290	290	290	290	290	290	290	290	280	280
	CNT	21	25	22	22	29	26	27	28	28	26	27	27	25	27	28	29	29	30	30	26	14	13	14	12
	UQ																								
	LQ																								
foF1	MED						4	380	400	430	440	450	450	450	450	440	430	410	390						
	CNT						4	16	22	28	30	30	30	29	29	28	29	25	14	1					
foE	MED						220	260	300	310	320	350	350	350	340	330	310	300	U 265						
	CNT					4	10	11	13	10	100	10	10	11	12	16	19	17	8	2					
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.6 MC TO 20.0 MC IN 15 SECONDS. JUNE, 1962

TABLE 5

ROME, ITALY (41.8N, 12.5E) TIME 15.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED	60	56	53	51	47	52	60	64	73	63	65	68	64	67	68	67	68	70	74	81	84	82	U 69	U 68
	CNT	24	24	22	24	22	25	26	21	18	21	25	23	27	27	29	28	28	24	22	23	21	18	19	19
	UQ	66	61	56	54	51	56	66	79	78	71	73	75	75	81	74	76	74	76	79	84	88	86	78	69
	LQ	56	54	51	47	43	45	54	59	61	60	63	64	59	59	60	63	60	62	64	69	75	77	64	56
h' F2	MED									310	310	310	350	350	350	340	340	320	300						
	CNT							4	2	9	13	22	19	26	21	24	26	18	8	1					
	UQ									310	360	360	360	400	400	360	360	340	310						
	LQ									300	300	300	330	310	320	320	300	300	300						
h' F	MED	280	290	290	290	290	260	240	240	230	230	210	200	210	200	220	220	230	250	250	250	250	250	250	260
	CNT	23	24	21	25	21	22	15	12	6	9	12	12	15	9	15	17	13	5	9	15	20	16	22	21
	UQ	300	300	300	310	300	270	250	240	240	230	210	210	230	210	230	230	240	250	250	260	260	260	280	290
	LQ	250	270	260	270	270	250	230	242	220	220	200	200	200	200	210	210	220	250	240	250	250	250	250	250
M(3000) F2	MED	285	275	280	285	280	285	295	310	310	305	290	285	285	290	295	295	295	300	300	295	305	300	290	295
	CNT	23	22	18	23	21	24	25	19	19	21	23	22	26	26	29	27	26	22	23	22	19	14	16	19
	UQ	295	290	285	300	290	310	315	325	320	315	305	300	295	300	300	300	300	310	310	305	310	310	300	300
	LQ	270	270	275	280	280	270	285	290	300	280	280	280	280	280	285	285	285	290	295	285	295	295	285	280
fo F1	MED									440	460	470	480	480	480	470	460	440	410						
	CNT							4	2	9	13	23	19	26	21	24	27	18	8	1					
fo E	MED						170	220	270	300	320	340	350	340	340	340	330	310	280	240	180				
	CNT						17	25	27	28	29	26	24	25	23	17	19	22	23	20	13				
h' E	MED						140	120	110	110	110	110	110	110	110	110	110	110	110	110	140				
	CNT						16	28	28	28	29	28	30	30	30	30	29	29	28	22	13				
fo Es	MED																								
	CNT	28	28	28	28	28	28	28	28	28	290	29	30	30	30	30	29	29	29	29	29	29	29	29	29

SWEEP 1.4 MC TO 15.0 MC IN 5 MINUTES, AUTOMATIC. JUNE, 1962

TABLE 6

BAGUIO, P. I. (16.4N, 120.6E) TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED	56	51	47	42	36	36	55	70	75	79	82	85	88	90	93	99	102	D 100	97	92	83	70	58	53
	CNT	17	19	24	20	19	21	30	30	30	28	29	29	30	30	30	30	27	24	25	24	26	27	22	15
	UQ	58	56	56	48	42	40	59	75	79	80	84	89	92	93	98	102	105	104	100	95	90	71	65	58
	LQ	46	42	42	39	30	32	52	67	72	75	80	82	85	88	90	93	95	96	90	88	67	60	49	44
h' F2	MED								280	310	340	400	410	405	400	380	360	325	300						
	CNT								10	10	10	20	24	25	27	29	27	24	13						
	UQ																								
	LQ																								
h' F	MED	320	280	270	260	250	270	245	225	210	200	210	210	220	210	220	210	210	225	250	250	290	330	350	350
	CNT	28	29	29	27	23	27	28	25	23	21	20	14	10	16	16	15	13	15	26	25	29	29	27	27
	UQ																								
	LQ																								
M(3000) F2	MED	U 285	U 305	315	320	325	315	325	320	280	250	245	240	245	250	260	270	285	295	310	300	285	280	270	275
	CNT	17	19	23	20	18	19	29	30	28	28	29	27	30	29	30	30	27	17	20	19	24	21	21	14
	UQ	300	325	330	330	335	325	335	330	300	265	255	255	255	265	270	280	295	310	320	315	305	290	285	295
	LQ	275	300	300	300	310	310	315	315	270	240	235	225	235	240	245	255	265	270	280	280	275	270	265	270
fo F1	MED									U 450	U 460	U 480	U 480	U 470	480	U 470	U 460	U 420							
	CNT									1	6	13	15	12	21	20	12	2							
fo E	MED							U 220	U 255	U 305	U 330	U 360	U 380	U 375	U 375	U 360	U 340	U 300	U 245						
	CNT							1	4	8	4	5	3	7	5	4	3	2	1						
h' E	MED						U 126	118		119	117	117	115	119	119	120	119	118	118						
	CNT							2	10	9	5	5	3	8	6	4	3	2	2						
fo Es	MED	19	17	24	20		24	29	40	45	42	43	50	54	45	44	49	50	53	40	38	30	20		
	CNT	30	30	30	29	30	30	29	29	30	300	29	27	28	29	28	29	29	29	29	30	30	30	30	30

SWEEP 1.0 MC TO 25.0 MC IN 27 SECONDS. JUNE, 1962

TABLE 7

MUNDARING, W. AUSTRALIA (32.0S, 116.2E) TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED	34	33	34	35	37	32	30	37	58	60	67	66	68	67	67	70	69	60	42	32	30	30	32	32
	CNT	25	24	26	24	25	24	26	27	29	29	29	28	30	30	30	30	30	30	30	26	29	29	26	28
	UQ																								
	LQ																								
h' F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h' F	MED	240	U 230	235	235	230	U 215	U 225	230	220	220	220	210	200	210	210	205	230	210	200	215	U 220	U 230	245	245
	CNT	28	28	29	29	27	26	28	28	29	29	24	26	22	24	22	24	30	30	27	22	22	29	28	29
	UQ																								
	LQ																								
M(3000) F2	MED	310	320	320	315	325	330	320	335	335	350	350	345	335	340	335	340	350	350	340	330	330	320	310	315
	CNT	24	24	26	24	25	23	26	27	29	29	29	28	30	30	29	30	30	30	29	25	26	29	25	27
	UQ																								
	LQ																								
fo F1	MED												420	430	440	D 420									
	CNT										2	1	7	12	11	9	4	1							
fo E	MED									215	265	300	305	310	310	300	280	240	180						
	CNT								1	24	26	24	26	28	26	24	22	20	14						
h' E	MED																								
	CNT																								
fo Es	MED																								
	CNT																								

SWEEP 1.6 MC TO 20.0 MC IN 18 SECONDS. JUNE, 1962

TABLE 8

BARROW, ALASKA (71.3N, 156.8W) TIME 150.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED	45	U 46	44	44	44	45	47	47	49	495	49	49	505	51	515	52	51	51	50	50	47	45	42	44
	CNT	26	27	23	19	20	19	21	24	27	24	25	28	28	24	28	29	31	31	29	28	27	25	27	27
	UQ	46	49	47	47	48	48	48	50	53	55	56	54	54	54	55	54	54	54	54	53	50	50	49	48
	LQ	38	40	40	39	38	43	41	42	45	45	45	46	47	48	49	49	49	49	49	48	45	43	38	38
h' F2	MED						400	405	420	420	4175	4025	415	390	3875	390	360	360	340	320	330	U 310			
	CNT	2	1	2	3	3	18	20	23	27	24	24	29	28	24	28	27	29	28	23	15	6	3		
	UQ						440	540	520	500	470	465	550	505	425	420	400	410	385	360	355	320			
	LQ						360	370	355	365	380	360	365	360	370	360	335	330	315	310	305	300			
h' F	MED	290	275	2775	275	260	U 260	250	225	225	220	215	210	210	2075	200	215	220	220	235	U 240	250	280	2925	290
	CNT	27	27	26	21	23	19	24	24	24	23	23	29	27	24	26	29	30	31	28	30	27	27	28	27
	UQ	300	310	290	310	300	290	280	260	240	240	220	220	220	215	220	240	235	240	240	260	285	310	310	310
	LQ	270	260	260	255	250	225	230	220	210	200	210	205	200	200	200	205	215	205	220	225	240	250	260	270
M(3000) F2	MED	300	300	310	300	295	280	275	275	270	265	275	2825	285	290	280	2925	295	295	300	305	310	310	315	305
	CNT	22	24	22	16	17	18	17	21	27	23	24	28	28	24	28	28	30	31	29	28	27	24	26	24
	UQ	310	310	315	310	310	295	290	300	294	290	290	290	300	294	295	305	305	305	310	310	310	315	320	315
	LQ	285	290	300	280	285	260	260	265	255	255	260	250	260	275	270	280	275	275	290	290	295	305	305	300
fo F1	MED																								
	CNT																								
fo E	MED																								
	CNT																								
h' E	MED																								
	CNT																								
fo Es	MED	26	57	34	395	255	35		33												26	29	27	31	29
	CNT	29	31	31	30	30	31	31	30	31	300	30	30	28	24	28	29	31	31	31	31	31	31	31	31

SWEEP 1.0 MC TO 25.0 MC IN 27 SECONDS. MAY, 1962

TABLE [illegible]

WASHINGTON, D.C. [illegible] TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	UQ							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	LQ							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
foF1	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
foE	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
h'E	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
foEs	MED	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SWEEP 1.0 MC TO 25.0 MC IN 27 SECONDS. MAY, 1962

TABLE 10

OKINAWA [illegible] (26.3N, 127.8E) TIME 135.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56	68	665	67	745	[illegible]	[illegible]	[illegible]	[illegible]	118	[illegible]	[illegible]	116	110	81	66	66	62
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	25	[illegible]	[illegible]	21	19
	UQ	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73	[illegible]	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	127	127	[illegible]	75	68	67
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	62	[illegible]	51
h'F2	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	344	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	UQ								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	368	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	LQ								[illegible]	[illegible]	[illegible]	315	344	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	227	[illegible]	228	[illegible]	278	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	24	[illegible]	22
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	241	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	254	315	[illegible]	347
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	218	[illegible]	[illegible]	[illegible]	238	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	222	238	[illegible]	[illegible]
M(3000)F2	MED	290	300	315	325	325	325	340	350	345	3075	290	275	285	295	305	305	315	315	320	330	330	295	[illegible]	280
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	[illegible]	[illegible]	[illegible]	[illegible]	21	21	21	17	14
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	[illegible]	[illegible]	300	305	[illegible]	[illegible]	325	[illegible]	340	355	310	305	290
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	320	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300	310	[illegible]	[illegible]	310	285	[illegible]	265
foF1	MED													[illegible]	[illegible]	[illegible]	[illegible]								
	CNT											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
foE	MED																								
	CNT								[illegible]	[illegible]		[illegible]	[illegible]				[illegible]	[illegible]	[illegible]						
h'E	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]						
	CNT								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
foEs	MED	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	445	56	[illegible]	[illegible]	[illegible]	[illegible]	58	[illegible]	48
	CNT	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	[illegible]	28	[illegible]	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SWEEP 1.0 MC TO 25.0 MC IN 27 [illegible] MAY, 1962

TABLE [illegible]

[illegible] TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT									[illegible]	[illegible]	[illegible]	[illegible]												
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
foF1	MED											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
	CNT																								
foE	MED							[illegible]								[illegible]									
	CNT															[illegible]									
h'E	MED							[illegible]		[illegible]						[illegible]		[illegible]							
	CNT															[illegible]									
foEs	MED		[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

TABLE [illegible]

MUNDARING, W. AUSTRALIA (32.0S, 116.2E) TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
foF	MED											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
	CNT																								
foE	MED											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible]

TABLE [illegible]

[illegible] TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
foF1	MED									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
foE	MED									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
h'E	MED									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SWEEP [illegible] APRIL, 1962

TABLE [illegible]

[illegible] TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280	270
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24
	UQ																								
	LQ																								
foF1	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
foE	MED		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'E	MED				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
	CNT				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SWEEP [illegible] APRIL, 1962

TABLE [illegible]

CHURCHILL, CANADA [illegible] TIME 90.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	34	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48	[illegible]	[illegible]	[illegible]	[illegible]	33
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	UQ																								
	LQ																								
foF1	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
foE	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT						[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.0 MC TO 17.0 MC IN 16 SECONDS. APRIL, 1962

TABLE 16

DOURBES, BELGIUM [illegible] TIME 0.0

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54	47	[illegible]	41
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]	57	[illegible]	[illegible]	[illegible]	67	68	68	[illegible]	[illegible]	[illegible]	68	68	[illegible]	56	[illegible]	44
	LQ	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54	55	53	[illegible]	[illegible]	[illegible]	43	38	37
h'F2	MED						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	UQ							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	LQ							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	298
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	242	250	270
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	308	[illegible]	[illegible]	284
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	26	[illegible]	[illegible]	24
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	294
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	304	300	284	274
foF1	MED						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT						[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
foE	MED					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	175	[illegible]				
	CNT					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
h'E	MED					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
foEs	MED	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24

SWEEP [illegible] APRIL, 1962

WINNIPEG, CANADA

TIME

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
fo F1	MED																								
	CNT																								
fo E	MED																								
	CNT																								
h'E	MED																								
	CNT																								
fo Es	MED																								
	CNT																								

APRIL, 1961

TABLE 18

TIME

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
fo F1	MED																								
	CNT																								
fo E	MED																								
	CNT																								
h E	MED																								
	CNT																								
fo Es	MED																								
	CNT																								

APRIL, 1961

FORMOSA, CHINA

TIME

HOUR		00	0	02	03	04	05	06	07	08	09	10	11	12	3	14	15	16	7	18	9	20	21	22	23
fo F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
fo F1	MED																								
	CNT																								
fo E	MED																								
	CNT																								
h'E	MED																								
	CNT																								
fo Es	MED																								
	CNT																								

TABLE

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	5	16	7	18	19	20	2	22	23
fo F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
fo F1	MED																								
	CNT																								
fo E	MED																								
	CNT																								
h E	MED																								
	CNT																								
fo Es	MED																								
	CNT																								

TIME . . .

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED CNT UQ LQ																								
h'F2	MED CNT UQ LQ																								
h'F	MED CNT UQ LQ																								
M(3000)F2	MED CNT UQ LQ																	340							
foF1	MED CNT																								
foE	MED CNT																								
h'E	MED CNT																								
foEs	MED CNT																								

IN . MIN . 55 SECONDS. APRIL, 1962

. . . , AUSTRALIA TIME 150.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED CNT UQ LQ																		78 30	66 33	54 30				
h'F2	MED CNT UQ LQ																								
h'F	MED CNT UQ LQ																								
M(3000)F2	MED CNT UQ LQ																					310 26	24	23	290 26
foF1	MED CNT																								
foE	MED CNT																								
h'E	MED CNT																								
foEs	MED CNT																								

SWEEP 1.0 MC TO 25.0 MC IN 15 SECONDS. APRIL, 1962

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED CNT UQ LQ																								
h'F2	MED CNT UQ LQ																								
h'F	MED CNT UQ LQ																								
M(3000)F2	MED CNT UQ LQ																								
foF1	MED CNT																								
foE	MED CNT																								
h'E	MED CNT																								
foEs	MED CNT																								

SAMOA, A.A.F. . .3N, 156.8W TIME 150.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED CNT UQ LQ																								
h'F2	MED CNT UQ LQ																								
h'F	MED CNT UQ LQ																								
M(3000)F2	MED CNT UQ LQ																		330 24 175						
foF1	MED CNT																								
foE	MED CNT																								
h'E	MED CNT																								
foEs	MED CNT																						28	27	37 26

MARCH, 1962

TABLE 25

ANCHORAGE, ALASKA (61.2°N, 149.9°W) TIME 150°W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED			270			290	3075	310	320	310	315	320	320	315	320	3275	335	340	335	325	320	320	315	
	CNT							16	28																
	UQ			290				315	330																
	LQ							300	300																
foF1	MED										175														
	CNT																								
foE	MED										2.6	2.6	2.8												
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

WWVH + 4 MC TO 25.0 MC IN 13.5 SECONDS.

MARCH, 1962

TABLE 26

OTTAWA, CANADA (45.4°N, 75.9°W) TIME 75.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.0 M... 15... M...

MARCH, 1962

TABLE 27

FT. MONMOUTH, NEW JERSEY (40.1°N, 74.1°W) TIME 75.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

TABLE 28

AHMEDABAD, INDIA (23.0°N, 72.6°E) TIME 75.0°

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

MUNDARING, W. AUSTRALIA — TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT	26																							
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

MARCH, 1962

TABLE 31

ADAK, ALASKA — TIME 180.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

FEBRUARY, 1962

TABLE 32

AHMEDABAD, INDIA — 72.6E — TIME 75.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

... IN 5 MINUTES, AUTOMATIC.

FEBRUARY, 1962

TABLE 33

BAGUIO, P. I. (16.4N, 120.6E) TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	64	59	52	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95	[illegible]	[illegible]	[illegible]	[illegible]	74
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	56	[illegible]	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66
h'F2	MED									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	315	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
foF1	MED										[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
	CNT												[illegible]		[illegible]										
foE	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]						
h'E	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT								[illegible]		[illegible]	[illegible]		[illegible]				[illegible]							
foEs	MED												[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] FEBRUARY, [illegible]

TABLE 34

FAIRBANKS, ALASKA (64.9N, 147.8W) TIME 150.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50	[illegible]	[illegible]	[illegible]	45	40	[illegible]	[illegible]	195	[illegible]	25	[illegible]	29
	CNT		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	[illegible]	[illegible]	[illegible]	28	[illegible]	10	[illegible]	[illegible]	[illegible]	6
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]				37
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18				19
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED				[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	340	[illegible]	[illegible]	[illegible]	330				320
	CNT	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6
	UQ				[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	340				335
	LQ				[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	330				310
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]													[illegible]	[illegible]	[illegible]	285
	CNT	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] JANUARY, 196[illegible]

TABLE 35

WARSAW, POLAND [illegible] TIME 15.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED													[illegible]											
	CNT																								
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
foF1	MED													[illegible]											
	CNT																								
foE	MED									[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									
	CNT																								
h'E	MED												[illegible]				[illegible]								
	CNT																								
foEs	MED	[illegible]					[illegible]	[illegible]	[illegible]									[illegible]							
	CNT	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		[illegible]		[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

TABLE 36

[illegible], AUSTRIA [illegible] TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT	[illegible]												[illegible]											

TIME 45.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	2	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h' F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
fo F1	MED																								
	CNT																								
fo E	MED																								
	CNT																								
h' E	MED																								
	CNT																								
fo Es	MED																								
	CNT																								

SWEEP 1.0 MC TO 25.0 MC IN [illegible] SECONDS.

DECEMBER, 1961

TABLE 39

WHITE [illegible], NEW MEXICO (32.3N, [illegible] W)

TIME 105.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h' F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h' F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
fo F1	MED																								
	CNT																								
fo E	MED																								
	CNT																								
h' E	MED																								
	CNT																								
fo Es	MED																								
	CNT																								

[illegible]

TABLE 40

HA[illegible], P. I. [illegible] (44.4N, 14.6E)

TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	2	13	14	15	16	17	18	19	20	21	22	23
fo F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h' F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h' F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
fo F1	MED																								
	CNT																								
fo E	MED																								
	CNT																								
h' E	MED																								
	CNT																								
fo Es	MED																								
	CNT																								

[illegible]

OCTOBER, 1961

TABLE 41

NARSSARSSUAQ, GREENLAND (61.2°N, 45.4°W) TIME 45.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	325																							
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED									3275	320														
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.0 MC TO 25.0 MC IN 16.2 SECONDS.

TABLE 42

[illegible] (68.2°N, [illegible]) TIME 15.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP [illegible] MC TO [illegible] MC.

TABLE 43

OKINAWA I. (26.3N, 127.8E) TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

TABLE 44

DAKAR, FRENCH W. AFRICA (14.7°N, 17.4°W) TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

TABLE 45

TAHITI, CIETY IS. (17.7 S, 149.4 W) TIME 10.0H W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.2 MC TO 17.0 MC IN 1 MINUTE.

TABLE 46

TANANARIVE, MADAGASCAR (18.8, 47.5E) TIME 45.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.5 MC TO 20.0 MC IN 10 MINUTES.

SEPTEMBER, 1961

TABLE 47

OKINAWA, [illegible] TIME 135.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible]

TABLE 48

LA PAZ, BOLIVIA [illegible] TIME 50.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible]

JULY, 1961

TABLE 49

WARSAW, POLAND (52.1N, 21.2E) TIME 15.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	58	54	51	48	52	57	57	[illegible]	62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	23	24	[illegible]	[illegible]	24	[illegible]	23	[illegible]	[illegible]	21	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]	24	[illegible]	[illegible]	22
	UQ	61	57	54	51	56	[illegible]	64	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	66	[illegible]	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED					340	[illegible]	335	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	345	[illegible]	[illegible]					
	CNT					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4					
	UQ					[illegible]	[illegible]	[illegible]	[illegible]	385	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	365	[illegible]						
	LQ					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
h'F	MED	[illegible]	[illegible]	255	270	250	245	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	240	250	[illegible]	[illegible]	260	260	255
	CNT	23	[illegible]	[illegible]	[illegible]	22	[illegible]	[illegible]	18	14	[illegible]	[illegible]	[illegible]	[illegible]	18	[illegible]	[illegible]	[illegible]	11	[illegible]	[illegible]	24	[illegible]	[illegible]	[illegible]
	UQ	295	[illegible]	[illegible]	[illegible]	265	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	225	[illegible]	[illegible]	[illegible]	260	[illegible]	[illegible]	[illegible]	[illegible]	275
	LQ	255	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
M(3000)F2	MED	285	280	285	285	285	280	285	295	290	300	300	290	300	295	300	295	290	300	295	300	290	290	290	285
	CNT	20	20	18	22	[illegible]	22	[illegible]	17	19	[illegible]	[illegible]	[illegible]	21	19	22	21	21	18	17	18	12	13	7	11
	UQ	[illegible]	[illegible]	290	[illegible]	295	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
foF1	MED					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	[illegible]	[illegible]	[illegible]	6						
foE	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	6	[illegible]	14	[illegible]	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	5	[illegible]	[illegible]
h'E	MED						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
foEs	MED	16		13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	40	40	37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	24	24	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24

SWEEP 1.0 MC TO 18.0 MC IN 20 [illegible]. JUNE, 1961

TABLE 50

CONCEPCION, CHILE (36.6S, 73.0W) TIME 75.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	29	[illegible]	[illegible]	32	[illegible]	26	445	62	645	71	73	73	72	78	755	70	61	52	48	45	37	30	28
	CNT	[illegible]	25	[illegible]	25	24	24	[illegible]	24	25	26	26	26	25	25	22	24	23	24	24	23	24	23	24	24
	UQ	[illegible]	34	34	[illegible]	34	[illegible]	[illegible]	475	[illegible]	71	78	84	83	[illegible]	80	805	[illegible]	675	56	57	49	44	345	305
	LQ	27	27	27	[illegible]	31	26	23	[illegible]	585	65	64	68	68	685	[illegible]	[illegible]	65	575	445	45	40	[illegible]	275	27
h'F2	MED										230	240	240	[illegible]	[illegible]	245	240								
	CNT									1	8	15	23	[illegible]	[illegible]	13	[illegible]	[illegible]							
	UQ										245	250	[illegible]	250	[illegible]	255	265								
	LQ										2275	230	230	230	[illegible]	[illegible]	[illegible]								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	240	2475	275	3125
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	24	24	[illegible]	24	24	[illegible]	24
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2475	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	230	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	305	325
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	185	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2925
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	335	[illegible]	[illegible]	[illegible]	[illegible]	355	[illegible]	[illegible]	[illegible]	3575	[illegible]	335	[illegible]	330	[illegible]	300	280
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	25	23	[illegible]	[illegible]	24	22	23	[illegible]	[illegible]	23	22	[illegible]	22
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	370	[illegible]	355	[illegible]	[illegible]	335	310	290
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	340	340	310	310	310	[illegible]	290	275
foF1	MED																								
	CNT												[illegible]												
foE	MED							[illegible]	175	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	200							
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
h'E	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
foEs	MED									[illegible]	[illegible]	32	[illegible]				28			[illegible]					
	CNT	[illegible]	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	[illegible]	[illegible]	[illegible]	[illegible]	24	23	24	24	24	24	24	24	24

SWEEP 1.0 MC TO 25.0 MC IN 36 SECONDS. JUNE, 1961

[illegible]

WHITE SANDS, NEW MEXICO [illegible] TIME 105.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	UQ							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	LQ							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
foF1	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
foE	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
h'E	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SWEEP 1.0 MC TO 25.0 MC IN 27 SECONDS. MAY, 196[illegible]

[illegible]

ATHENS, GREECE (38.0N, 23.6E) TIME 30.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	5	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
h'F2	MED									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
	CNT									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
	UQ									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
	LQ									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
M(3000)F2	MED	277	273	275	274	283	286	312	331	323	311	300	290	291	291	291	295	294	296	307	310	314	299	281	268
	CNT	15	14	15	15	15	15	15	15	15	17	18	18	19	17	18	18	16	18	17	17	17	17	15	15
	UQ	288	280	293	286	288	296	323	340	335	320	315	301	303	301	299	301	302	305	324	318	321	312	286	281
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	316	298	276	270	260
foF1	MED									455	470	458	480	485	475	480	470	[illegible]							
	CNT									3	1	6	11	14	15	13	8	3							
foE	MED							[illegible]	225	[illegible]	315	330	340	345	[illegible]	343	340	[illegible]	[illegible]	[illegible]					
	CNT							[illegible]	15	[illegible]	17	19	[illegible]	19	18	17	18	17	16	14					
h'E	MED							124	113	105	[illegible]	103	103	105	103	105	[illegible]	105	107	[illegible]					
	CNT							2	15	14	17	18	19	19	18	17	[illegible]	17	[illegible]						
foEs	MED				[illegible]		14	22	[illegible]	[illegible]	32	35	[illegible]	[illegible]	35	34	[illegible]	34	34	30	[illegible]	[illegible]	[illegible]	22	
	CNT		15	15	15	15	15	15	[illegible]	15	170	19	[illegible]	18	18	18	18	18	18	17	17	17	17	16	[illegible]

SWEEP [illegible] MC TO [illegible] MC IN [illegible] SECONDS. APRIL, [illegible]61

WHITE SANDS, NEW MEXIC

TIME 105.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

FEBRUARY, 1961

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

MARCH, 19..

HOUR		00	01	02	03	04	05	06	07	08	09	0		2	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

MC TO 25.0 MC

FEBRUARY, 1961

HOUR		00	01	02	03	04	05	06	07	08	09	10	1	2	13	14	5	16	7	18	19	20	2.	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

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TABLE 57

WHITE SANDS, NEW MEXICO (32.3N, 106.5W) TIME 105.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	34	34	[illegible]	[illegible]	34	[illegible]	32	44	[illegible]	73	85	[illegible]	100	95	[illegible]	[illegible]	[illegible]	71	56	[illegible]	36	[illegible]	[illegible]	34
	CNT	28	26	24	26	22	[illegible]	[illegible]	29	31	31	31	31	31	31	31	31	31	31	[illegible]	[illegible]	27	[illegible]	[illegible]	[illegible]
	UQ	40	37	37	38	36	38	[illegible]	50	75	[illegible]	[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	[illegible]	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	31	[illegible]	[illegible]	32	29	29	[illegible]	43	[illegible]	68	73		95	88	[illegible]	84	80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30
h'F2	MED											[illegible]	[illegible]	270	[illegible]	269	[illegible]								
	CNT										[illegible]	12	[illegible]	22	21	17	[illegible]								
	UQ											[illegible]	[illegible]	[illegible]	287	278	[illegible]								
	LQ											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
h'F	MED	284	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	295	[illegible]	[illegible]	[illegible]	[illegible]	228	230	225	[illegible]	[illegible]	245	230	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	300
	CNT	30	29	[illegible]	30	30	30	[illegible]	[illegible]	31	31	[illegible]	[illegible]	30	29	31	[illegible]	31	31	31	31	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	304	[illegible]	[illegible]	300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	240	[illegible]	240	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	315
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	270	[illegible]	252	237	[illegible]	[illegible]	[illegible]	222	[illegible]	220	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	275	[illegible]	[illegible]	315	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	280
	CNT	[illegible]	25	[illegible]	[illegible]	20	[illegible]	23	27	[illegible]	31	31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	305	290	[illegible]	[illegible]	345	[illegible]	[illegible]	315	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	280	[illegible]	285	[illegible]	[illegible]	[illegible]	[illegible]	315	[illegible]	[illegible]	295	[illegible]	[illegible]	295	[illegible]	[illegible]	315	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
foF1	MED																								
	CNT											[illegible]	1	1	[illegible]										
foE	MED									2275	280	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT								1	20	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
h'E	MED									130	118	[illegible]	[illegible]	1185	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT								[illegible]	28	29	[illegible]	[illegible]	28	[illegible]	31	[illegible]	[illegible]	[illegible]						
foEs	MED											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]	[illegible]	[illegible]

SWEEP 1.0 MC T[illegible] 25.0 MC IN 27 SE[illegible] N[illegible].

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TABLE 58

[illegible], FRENCH [illegible] MALILAND (11.6N, [illegible]) TIME 45.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	44	[illegible]	[illegible]	24	[illegible]	84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	112	114	[illegible]	[illegible]	86	88	[illegible]	67
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	27	[illegible]	[illegible]	[illegible]	24	[illegible]	[illegible]	24	17	17	7	2	4	6	[illegible]	6	7
	UQ																								
	LQ																								
h'F2	MED							[illegible]				[illegible]	330	[illegible]	[illegible]	[illegible]	[illegible]								
	CNT							[illegible]				[illegible]	6	4	7	[illegible]	[illegible]								
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	235	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	248
	CNT	24	28	31	28	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27	[illegible]	27	28	[illegible]	[illegible]	12	[illegible]	[illegible]	20
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	308
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		4	[illegible]	[illegible]	3	6
	UQ																								
	LQ																								
foF1	MED						[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
	CNT						[illegible]	[illegible]				3	6	4	7	[illegible]	1								
foE	MED			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	CNT			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23	10	16	7			1	3
h'E	MED			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	115	[illegible]	[illegible]			[illegible]	[illegible]
	CNT			[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	8	[illegible]	[illegible]	4	[illegible]	7			1	[illegible]
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	43	44	43	24	[illegible]	[illegible]	[illegible]	[illegible]	23
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	[illegible]	[illegible]	30	[illegible]	[illegible]	27	[illegible]	[illegible]	24

[illegible] SWEEP [illegible] MC T[illegible] [illegible] MC.

JANUARY, 1961

TABLE [illegible]

[illegible], AUSTRALIA ([illegible]) TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	46	46	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	22	19	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	280	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	22	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.0 MC T[illegible] 16.0 MC IN 1 MINUTE 5[illegible]

[illegible]

TABLE 60

BUENOS AIRES, ARGENTINA (34.5S, 58.5W) TIME 60.0W

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
foF1	MED									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT																								
foE	MED						[illegible]	[illegible]	[illegible]	[illegible]															
	CNT								[illegible]	[illegible]															
h'E	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT																								
foEs	MED																								
	CNT																								

[illegible]

TABLE

TIME

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	LQ																								
	UQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

TIME

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foF	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

TABLE

TIME

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

TABLE 66

DARWIN, AUSTRALIA (12°.4S, 130°.9E) TIME 0930

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED	285	280	280	275	270	270	295	330	325	310	300	300	290	290	285	290	305	305	295	285	285	280	280	280
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible] IN 1 MINUTE 55 SECONDS. SEPTEMBER [illegible]

TABLE 67

[illegible] (13°.3S, 130°.1E) TIME 0430

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible] MC TO 25.0 MC IN 15 SECONDS. SEPTEMBER, 1960

TABLE 68

TOWNSVILLE, AUSTRALIA (19.3S, 146.7E) TIME 1500E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible] JULY, 1960

TABLE 70

MANDARING, W. AUSTRALIA

TIME 150.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

JULY, 1960

TABLE 71

TIME 0.0

HOUR		00	01	02	03	04	05	06	07	08	09	0		2	3	14	15	16	17	18	19	20	2	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

JUNE, 1960

TABLE 73

WARSAW, POLAND (52.1N, 21.2E) TIME 15.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible] SECOND.

MAY, 1960

TABLE 74

AHMEDABAD, IN[illegible] [illegible]N, [illegible]E) TIME 75.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED													128		154		157	154	150	138	118	102	97	89
	CNT													124		154		41	31	31	31	30	29	29	29
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																					315	315		
	CNT																					30	29		
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																		110	110					
	CNT																								
foEs	MED																								
	CNT																								

[illegible] MC IN 5 MINUTES, AUTOMATIC.

MAY, 1960

TOWNSVILLE, AUSTRALIA [illegible]S, 146.7E) TIME 150.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible] IN 1 MINUTE [illegible]

MUNDARING, W. AUSTRALIA [illegible]S, [illegible]E) TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	2	13	14	5	16	7	8	9	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible] MAY,

TABLE [illegible]

[illegible] TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	CNT	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]				[illegible]	[illegible]			14				[illegible]	[illegible]			[illegible]
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT	[illegible]			[illegible]				[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]				[illegible]		1
h'E	MED																								
	CNT	[illegible]					[illegible]		[illegible]					[illegible]		[illegible]			[illegible]	[illegible]			[illegible]		1
foEs	MED																								
	CNT																								

[illegible] [illegible]

TABLE [illegible]

LWIRO, CONGO [illegible] 28.8E) TIME 30.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	119	104	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	125	128	136	146	147	146	149	150	150	153	151	140	140	140	155
	CNT	[illegible]	23	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	27	26	26	26	26	26	28	28	28	28	20	15	19	19
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	141	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	LQ	[illegible]	110	94	83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
h'F2	MED									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	UQ								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	LQ								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	220
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	215
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	284	291	294
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12
	UQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	284	[illegible]	302	299
	LQ	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	283	278	284	276
foF1	MED										[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										
	CNT												[illegible]		[illegible]										
foE	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
h'E	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	110						
	CNT								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
foEs	MED	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	18	16
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	28	28

SWEEP 1.25 MC [illegible] APRIL, 1960

TABLE [illegible]

[illegible], AUSTRALIA [illegible] TIME 150.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	118	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	230	230	230	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	250	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	13	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	315	310	310	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	14	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED							[illegible]	[illegible]	300	335	365	370	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT							[illegible]	[illegible]	13	100	9	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.0 MC TO 16.0 MC IN 1 MINUTE 55 SECONDS APRIL, 1960

TABLE 80

MUNDARING, W. AUSTRALIA (32.0S, 116.2E) TIME 120.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	58	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	245	255
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]														[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT							[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		3					
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

[illegible] IN 18 SECONDS. APRIL, 1960

TABLE 81

CANBERRA, AUSTRALIA (35.3S, 149.0E) TIME 150.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	J 62	J 62	64	61	56	51	[illegible]	J 76	[illegible]	[illegible]	[illegible]	96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]
	CNT	27	28	25	29	28	26	28	29	[illegible]	13	13	10	[illegible]	[illegible]	[illegible]	13	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED	300	300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	240	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	23	22	25	24	17	[illegible]	[illegible]	[illegible]	[illegible]	18	[illegible]	[illegible]	[illegible]	23	[illegible]	27	23	[illegible]	24	[illegible]	[illegible]	21
	UQ																								
	LQ																								
M(3000)F2	MED	260	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	13	[illegible]	[illegible]	[illegible]	1	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED								[illegible]	[illegible]	[illegible]	350	360	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT								21	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.0 MC TO 16.0 MC IN 1 MINUTE [illegible] ONDS. APRIL, 1960

TABLE 82

WILKES STATION (66.3S, 110.5E) TIME 0.0

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	J 56	[illegible]	63	[illegible]	72	67	[illegible]	64	J 56	[illegible]	[illegible]	53	42	43	[illegible]		35	33	32	40	32	J 30
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	9	[illegible]	[illegible]	[illegible]	11	8	7	6	[illegible]	7	8	[illegible]	7	7	7	5	14	7
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	255	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	240	[illegible]	[illegible]	285	285
	CNT	[illegible]	18	16	[illegible]	[illegible]	14	15	14	9	15	[illegible]	[illegible]	15	15	[illegible]	12	16	15	17	13	14	13	[illegible]	12
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	240		240	250	[illegible]	245	[illegible]	255			[illegible]	[illegible]	[illegible]		265	250
	CNT	12	[illegible]	6	[illegible]	[illegible]	[illegible]	5	[illegible]	8	4	[illegible]	7	[illegible]	5	[illegible]	7	4	2	6	7	[illegible]	4	14	6
	UQ																								
	LQ																								
foF1	MED				[illegible]	[illegible]		[illegible]	[illegible]	[illegible]															
	CNT	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]													
foE	MED	[illegible]	[illegible]		[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]											E 130
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	2	3	5	3	7	[illegible]	[illegible]	6	[illegible]	4	2	3			[illegible]	2		3	4	6
h'E	MED	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	6		[illegible]	[illegible]	[illegible]	5	[illegible]	5	[illegible]	4	1		[illegible]	2		[illegible]	5	5
foEs	MED																								
	CNT																								

[illegible] APRIL, 1960

TABLE 83

POITIER, FRANCE [illegible] TIME 0.0

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	7
	UQ																								
	LQ																								
foF1	MED					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
foE	MED					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
h'E	MED					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	CNT					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] JUNE, [illegible]

TABLE 84

[illegible] TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED							[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT							[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	[illegible]	[illegible]	[illegible]	14	11	[illegible]	8	[illegible]	7	9	7	[illegible]	[illegible]
	CNT																								
	UQ																								
	LQ																								
foF1	MED											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
	CNT											1		[illegible]	[illegible]	7	[illegible]								
foE	MED							[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT	[illegible]				[illegible]		[illegible]		1	7	[illegible]	[illegible]	1	[illegible]	19	[illegible]	[illegible]	16	[illegible]	8	3	1		
h'E	MED							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	4	23	26	[illegible]	21	[illegible]	8	3	1		
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	44	[illegible]	43	[illegible]	[illegible]	6	6	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	24	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] [illegible], 1959

HOUR		00	0	02	03	04	05	06	07	08	09	0		12	13	14	5	6	7	8	9	20	2	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

IN 1 MINUTE.

JUNE, 1959

TABLE 8

HOUR		00	0	02	03	04	05	06	07	08	09	C		2	3	14	5	6	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

17.0 MC IN 1 MINUTE.

MAY, 1959

TAMANRASSET

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	7	18	19	20	2	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

TABLE 88

MANGUI, FRENCH EQUATORIA AFRICA

TIME 15.0E

HOUR		00	0	02	03	04	05	06	07	08	09	10	11	2	13	14	15	6	17	18	19	20	2	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

MAY, 1959

TABLE 89

POITIERS, FRANCE (46.6N, 0.3E) TIME 0.0

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	77	74	72	[illegible]	64	64	76	80	88	94	[illegible]	[illegible]	[illegible]	[illegible]	112	[illegible]	[illegible]	110	106	105	89	85	80	78
	CNT	30	30	30	30	30	30	30	30	30	30	30	29	29	[illegible]	29	29	29	[illegible]	30	30	30	30	30	30
	UQ																								
	LQ																								
h'F2	MED							315	310	390	370	[illegible]	355	[illegible]	[illegible]	[illegible]	345	340	31[illegible]						
	CNT							5	7	11	14	15	15	17	20	18	13	13	3						
	UQ																								
	LQ																								
h'F	MED	320	310	305	300	292	300	260	240	240	240	235	235	240	240	240	245	[illegible]	250	255	255	255	270	240	305
	CNT	30	30	30	30	30	30	30	30	30	29	30	28	27	26	29	29	29	30	30	30	30	30	30	30
	UQ																								
	LQ																								
M(3000)F2	MED	235	245	240	245	235	255	265	270	255	255	260	258	255	255	255	255	260	255	268	25[illegible]	248	235	235	23[illegible]
	CNT	13	13	22	22	24	27	25	19	18	22	17	18	24	22	29	29	13	3	4	2	[illegible]	5	4	5
	UQ																								
	LQ																								
foF1	MED							400	470	5[illegible]	540	[illegible]	[illegible]	6[illegible]	6[illegible]	[illegible]	[illegible]	5[illegible]	490						
	CNT							5	9	13	15	15	[illegible]	18	[illegible]	[illegible]	15	13	3						
foE	MED					E	E	2[illegible]5	290	335	368	375	395	400	395	370	37[illegible]	345	[illegible]88	22[illegible]	[illegible]	E			
	CNT					2	29	28	29	30	30	28	25	27	[illegible]	29	[illegible]	27	28	23	[illegible]8	[illegible]			
h'E	MED					E	F	128	[illegible]1	1[illegible]5	105	[illegible]	105	[illegible]	[illegible]	105	1[illegible]	11[illegible]	[illegible]	1[illegible]	[illegible]	E			
	CNT					2	29	25	29	30	30	30	29	29	29	29	28	27	28	29	28	[illegible]			
foEs	MED	F	F	F	F	E	[illegible]	2[illegible]		[illegible]	[illegible]	[illegible]	4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		F	F
	CNT	30	[illegible]	30	[illegible]	30	[illegible]	30	30	30	[illegible]	30	29	29	29	29	29	29	30	[illegible]	30	30	30	30	30

SWEEP [illegible] MC TO [illegible] MC IN 1 MINUTE. APRIL, 1959

TABLE 90

TAMANRASSET, FRENCH W. AFRICA (22.8N, 5.5E) TIME 0.0

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	D	140	115	92	82	79	92	109	120	130	140	148	152	158	160	160	155	155	155	160	D	D	D	D
	CNT	24	25	23	27	26	27	29	30	29	30	30	30	29	30	29	29	26	25	22	27	19	21	20	19
	UQ																								
	LQ																								
h'F2	MED											350	380	390	395	400	388	380	385						
	CNT											1	3	15	25	26	26	20	3						
	UQ																								
	LQ																								
h'F	MED	280	260	250	245	24[illegible]	262	245	238	2[illegible]	22[illegible]	210	215	215	218	228	24[illegible]	245	260	295	360	340	325	305	292
	CNT	30	[illegible]	30	30	3	30	30	30	29	30	30	30	28	28	30	30	26	28	28	29	30	30	29	30
	UQ																								
	LQ																								
M(3000)F2	MED	258	2[illegible]	288	28[illegible]	27[illegible]	280	305	305	290	280	265	265	260	258	260	260	255	265				C	D	
	CNT	4	9	10	11	13	28	[illegible]	29	29	30	27	25	19	14	9	7	3	1	1	6	[illegible]			1
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED							[illegible]	300	355	340	4[illegible]	415	420	405	395	370	330	258	E	E	E	E	E	E
	CNT	8	1[illegible]	[illegible]	16	17	24	29	29	26	26	16	[illegible]	18	20	24	25	27	28	20	23	14	14	11	13
h'E	MED							1[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]5	[illegible]	[illegible]	[illegible]	105	1[illegible]	[illegible]	115	E	F	E	E	F	E
	CNT	8	10	13	15	14	25	23	19	[illegible]	16	18	15	20	12	19	17	25	22	23	23	14	14	11	13
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	32	48	42	42	46	38	4[illegible]		33	20	25	[illegible]	19	[illegible]	18	18	18
	CNT	26	29	28	28	3	30	30	29	27	28	30	28	28	28	30	27	28	27	[illegible]	24	24	23	22	25

SWEEP [illegible] MC TO 17.0 MC IN 1 MINUTE. APRIL, 1959

TABLE [illegible]

[illegible], FRENCH EQUATORIAL AFRICA ([illegible]N, 18.6[illegible]) TIME [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	138	[illegible]	[illegible]	[illegible]				
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11
	UQ																								
	LQ																								
M(3000)F2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
	CNT						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
h'E	MED						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
	CNT						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						
foEs	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SWEEP 1.2 MC TO 17.0 MC IN 1 MINUTE. [illegible]

TABLE 92

DELHI, INDIA (28.6N, 77.2E) TIME 75.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	147	148	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												
	CNT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED								[illegible]	[illegible]															
	CNT								[illegible]																
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP [illegible] 5 MINUTES, MANUAL. AUGUST, [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	0		12	3	14	15	16	7	18	19	20	2	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

ALCUTTA, IND

TIME +0.0E

HOUR		00	0.	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

AUGUST, 1958

TABLE 96

TIME 75.0E

HOUR		00	0	02	03	04	05	06	07	08	09	0		12	3	14	15	16	17	18	19	20	2	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP .5 MC TO 18.0 MC IN 5 MINUTES,

HOUR		00	01	02	03	04	05	06	07	08	09	0		12	3	14	15	16	17	18	19	20	2	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

MC IN 5 MIN T

AUGUST, 1958

TABLE 97

TIRUCHY, INDIA (10.8N, 78.7E) TIME 75.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																			116	117				
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.5 MC TO 18.0 MC IN 5 MINUTES, MANUAL.

TABLE 98

[illegible], INDIA (10.2N, 77.5E) TIME 75.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

AUGUST, 1958

TABLE 99

TRIVANDRUM, INDIA (8.5N, 77.0E) TIME 75.0E

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED														110	110									
	CNT														29	30									
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF1	MED																								
	CNT																								
foE	MED																								
	CNT																								
h'E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.5 MC TO 18.0 MC IN 5 MINUTES, MANUAL.

AUGUST, 1958

TABLE 100

CASABLANCA, MOROCCO [illegible]

HOUR		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
foF2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F2	MED																								
	CNT																								
	UQ																								
	LQ																								
h'F	MED																								
	CNT																								
	UQ																								
	LQ																								
M(3000)F2	MED																								
	CNT																								
	UQ																								
	LQ																								
foF	MED																								
	CNT																								
foE	MED																								
	CNT																								
h E	MED																								
	CNT																								
foEs	MED																								
	CNT																								

SWEEP 1.0 MC TO 10.0 MC IN 1 MINUTE 15 SECONDS. USCOM-NBS-BE

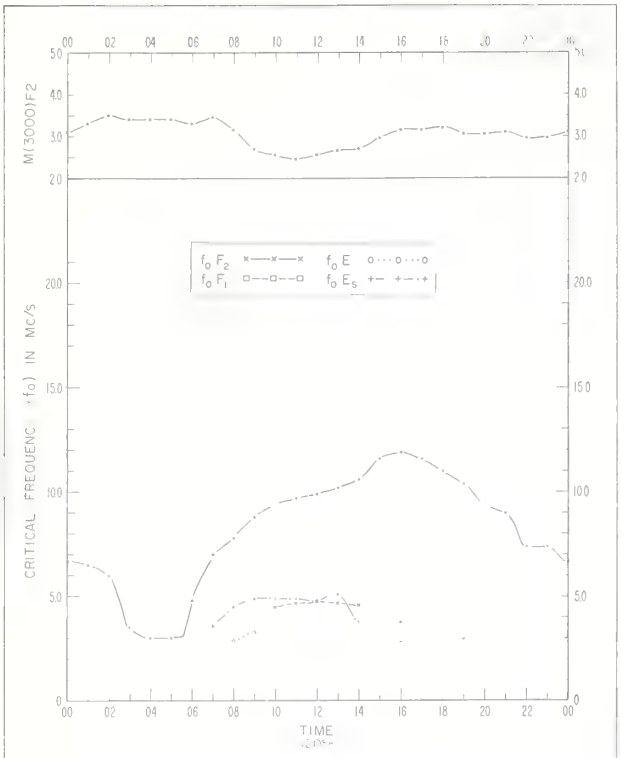

Fig 1. BAGUIO, P. I.
16.4°N, 120.6°E SEPTEMBER 1962

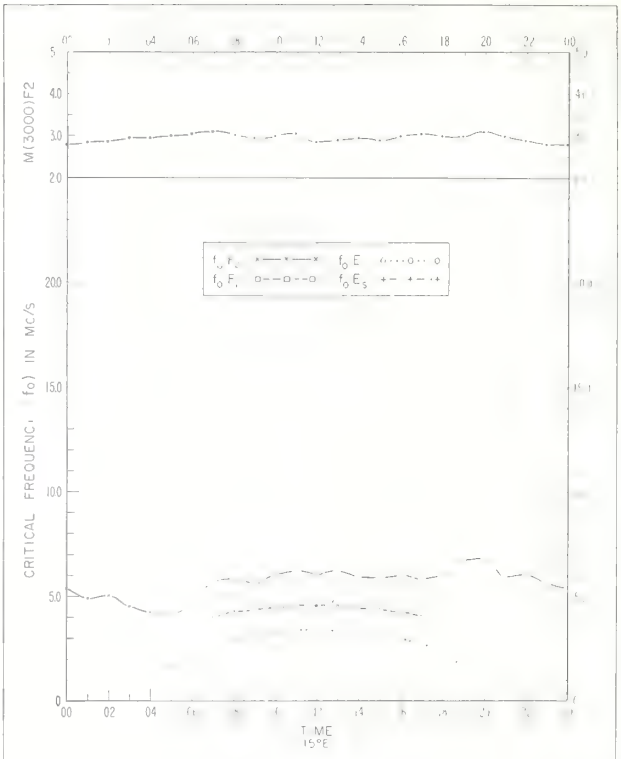

Fig 2. ROME, ITALY
41.8°N, 12.5°E JULY 1962

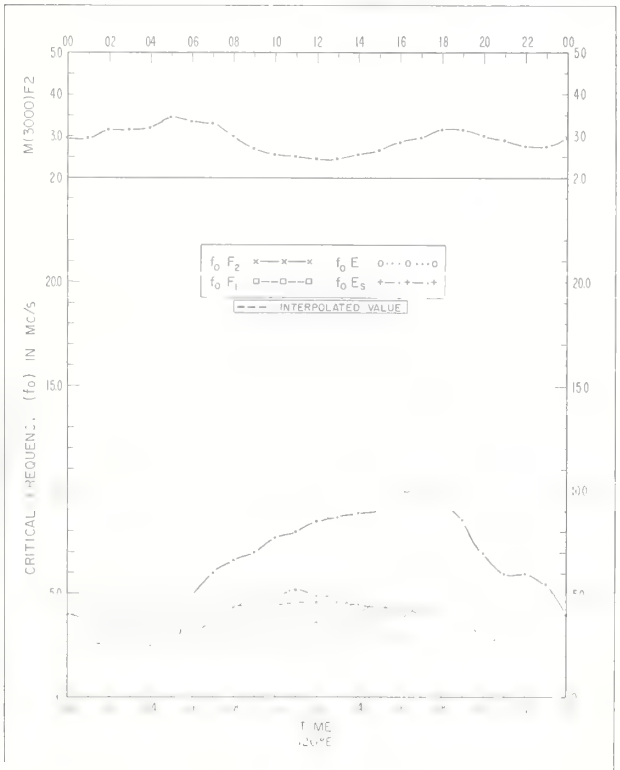

Fig. 3. BAGUIO, P. I.
16.4°N, 120.6°E JULY 1962

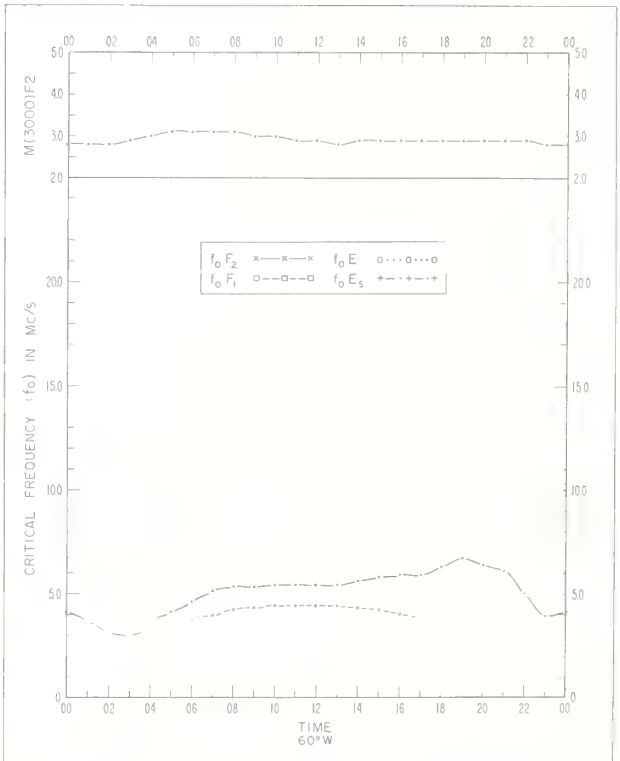

Fig 4. ST. JOHN'S, NEWFOUNDLAND
47.6°N, 52.7°W JUNE 1962

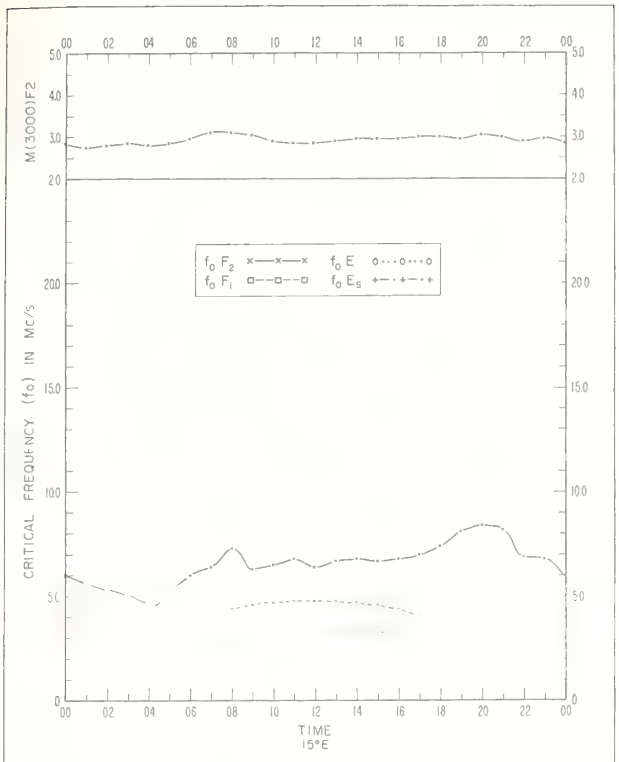

Fig. 5. ROME, ITALY
41.8°N, 12.5°E
JUNE 1962

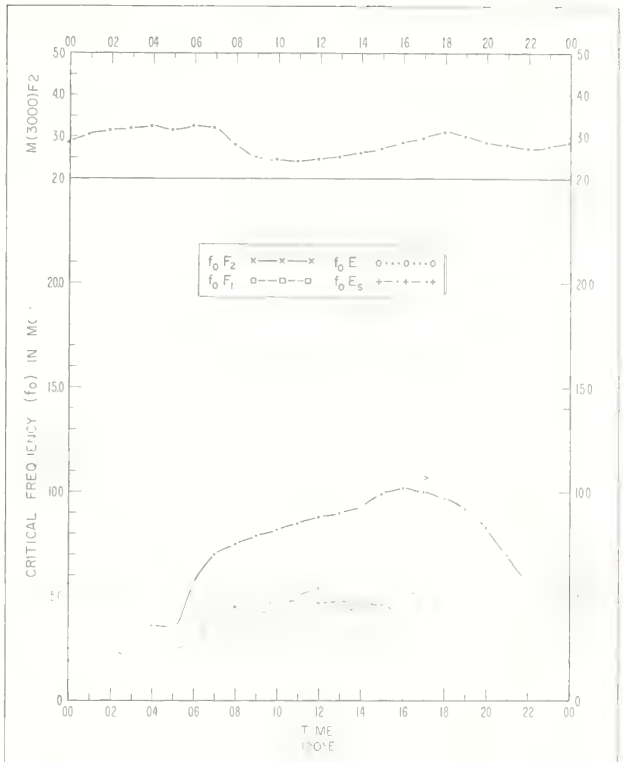

Fig 6. BAGUIO, P. I
16.4°N, 120.6°E
JUNE 1962

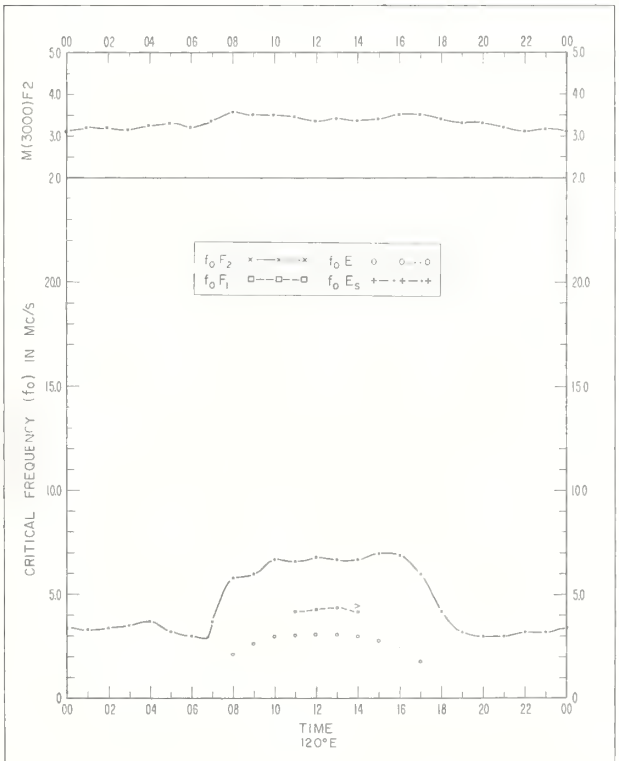

Fig. 7. MUNDARING, W. AUSTRALIA
32.0°S, 116.2°E
JUNE 1962

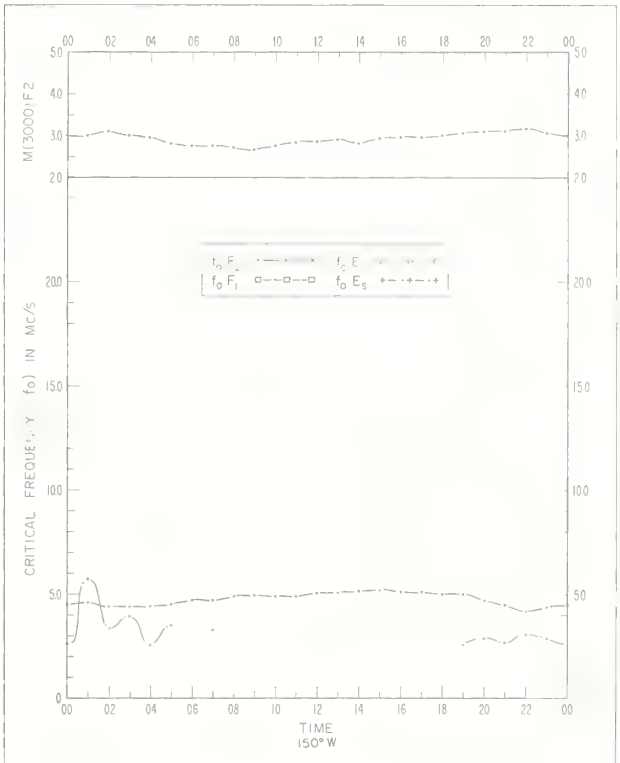

Fig. 8. BARROW, ALASKA
71.3°N, 156.8°W
MAY 1962

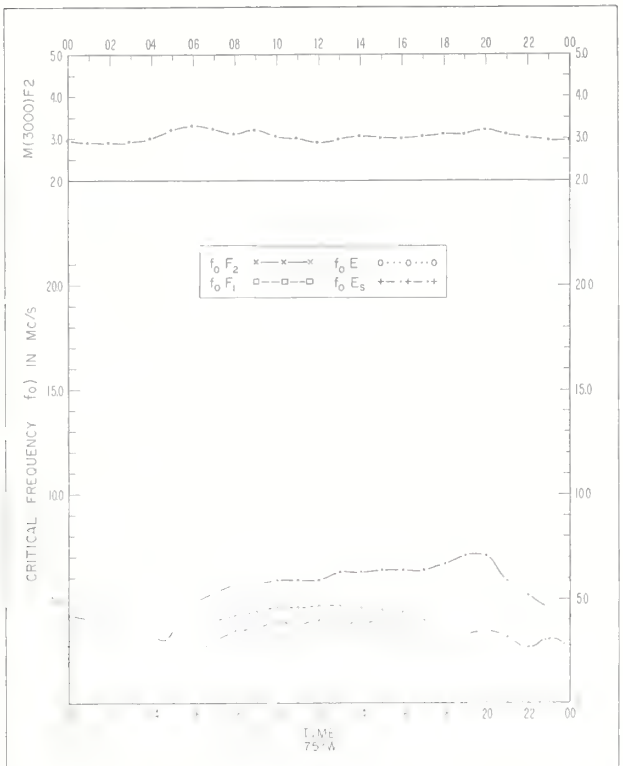

Fig 9. WASHINGTON, D C
38 7°N, 77 1°W
MAY 1962

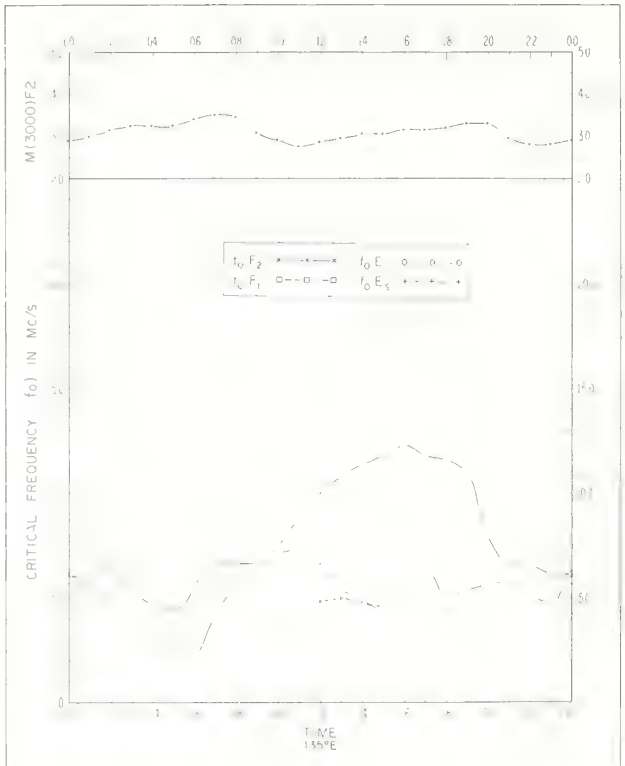

Fig 10 OKINAWA I.
26 3°N, 127 8°E
MAY 1962

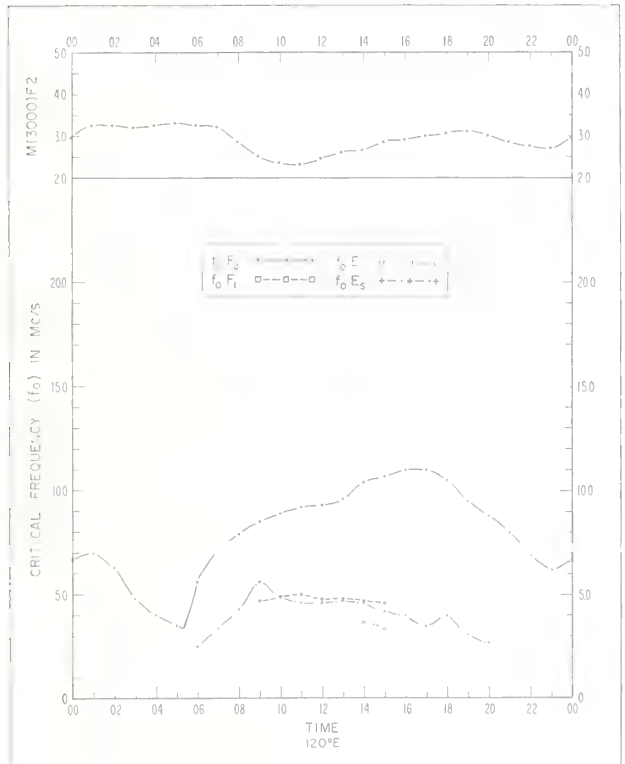

Fig 11 BAGUIO, P. I.
16.4°N, 120.6°E
MAY 1962

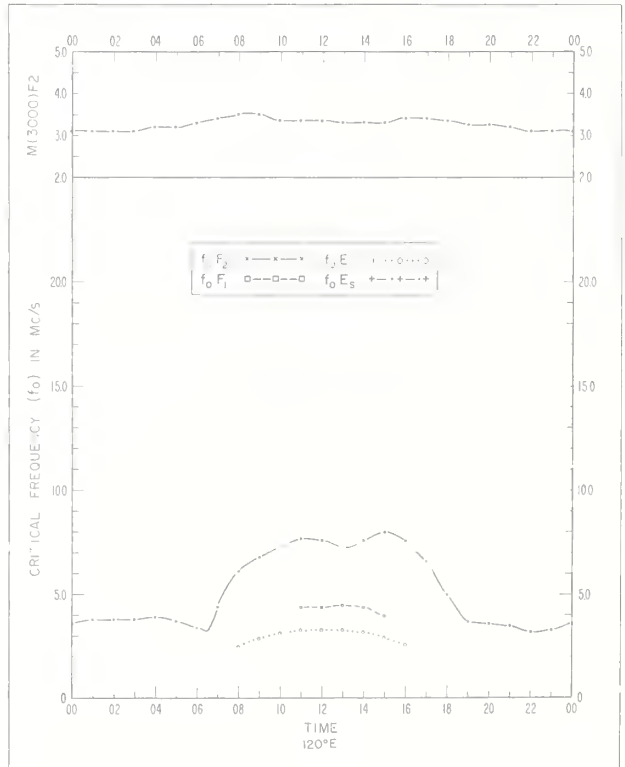

Fig. 12 MUNDARING, W. AUSTRALIA
32.0°S, 116.2°E
MAY 1962

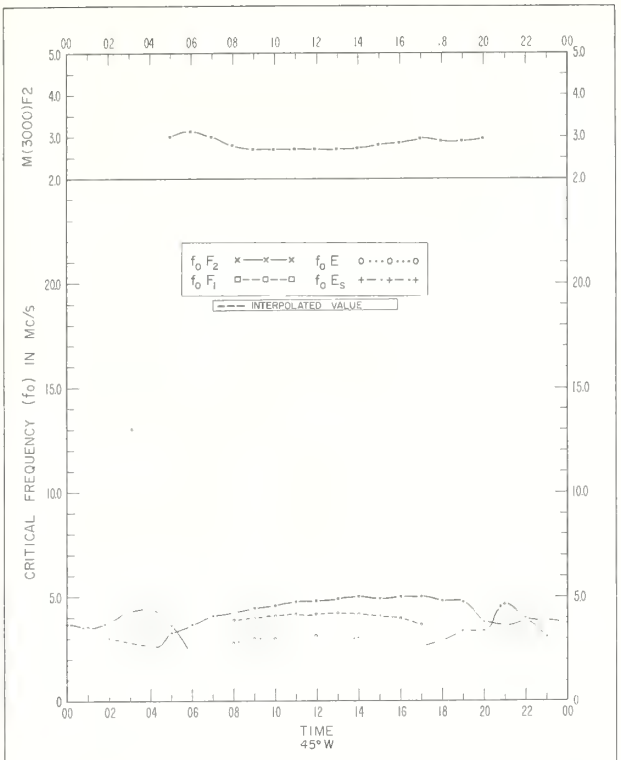

Fig. 13. NARSSARSSUAQ, GREENLAND
61.2°N, 45.4°W
APRIL 1962

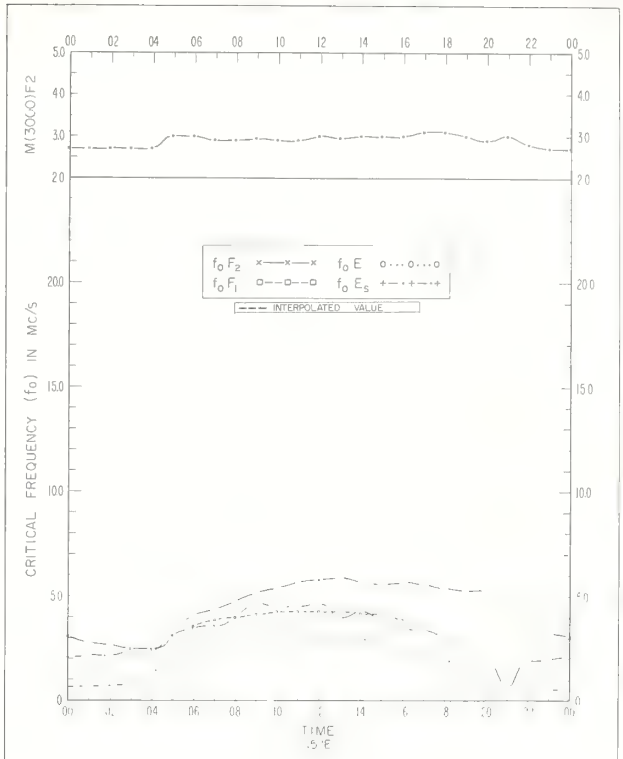

Fig. 14. UPPSALA, SWEDEN
59.8°N, 17.6°E
APRIL 1962

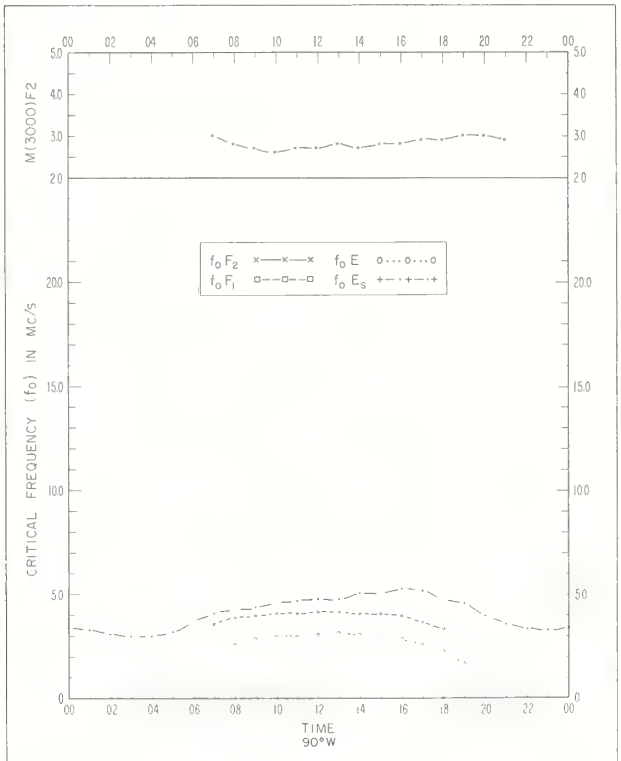

Fig. 15. CHURCHILL, CANADA
58.8°N, 94.2°W
APRIL 1962

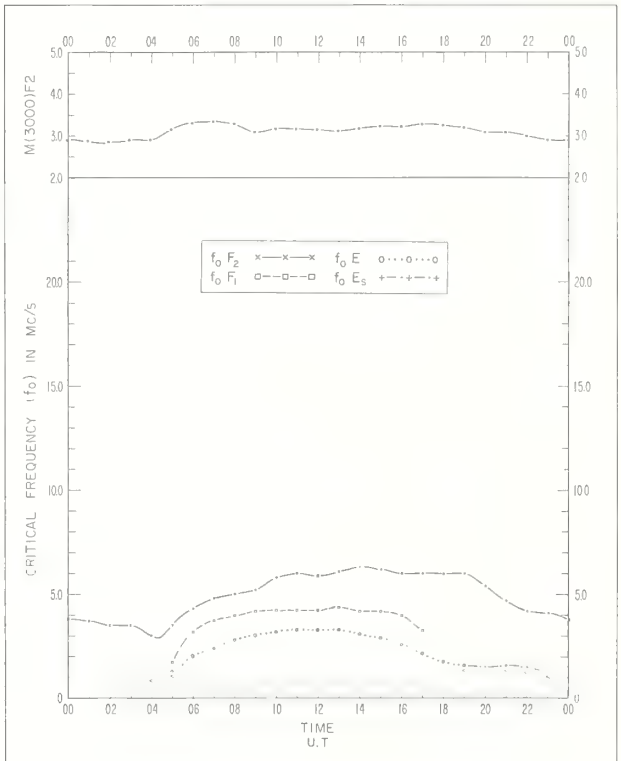

Fig. 16. DOURBES, BELGIUM
50.1°N, 4.6°E
APRIL 1962

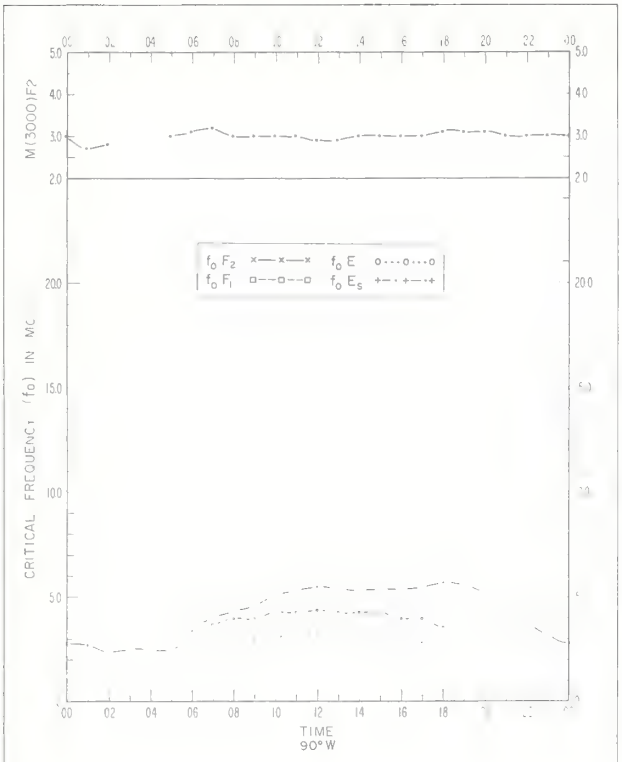

Fig. 17. WINNIPEG, CANADA
49.9°N, 97.4°W
APRIL 1962

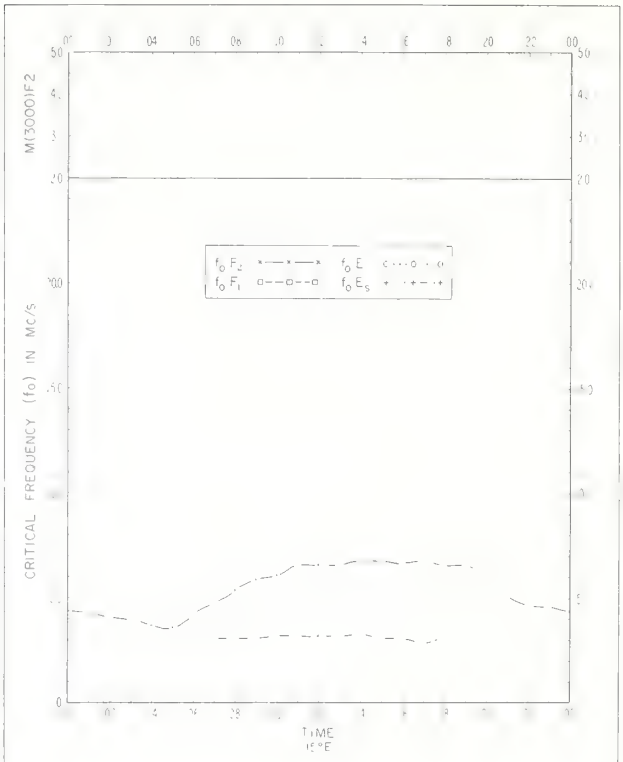

Fig. 18. GRAZ, AUSTRIA
47.1°N, 15.5°E
APRIL 1962

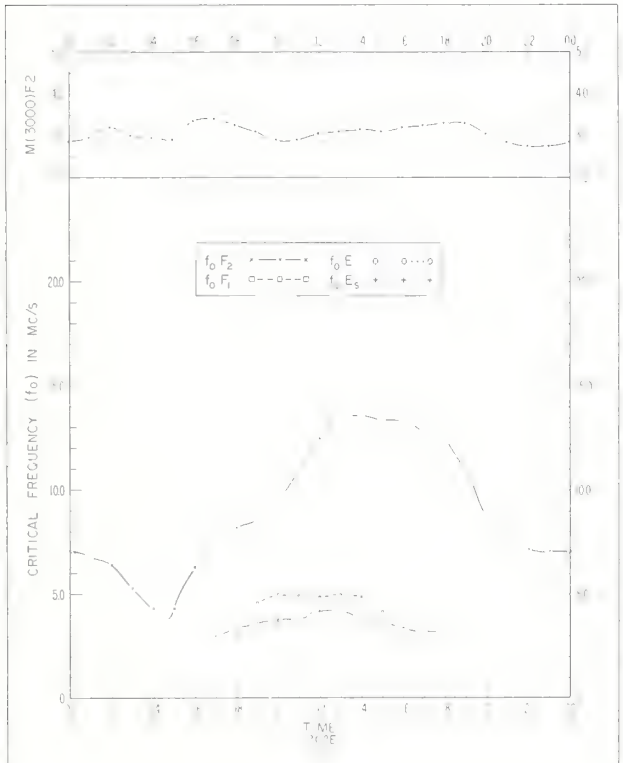

Fig. 19. FORMOSA, CHINA
25.0°N, 121.5°E
APRIL 1962

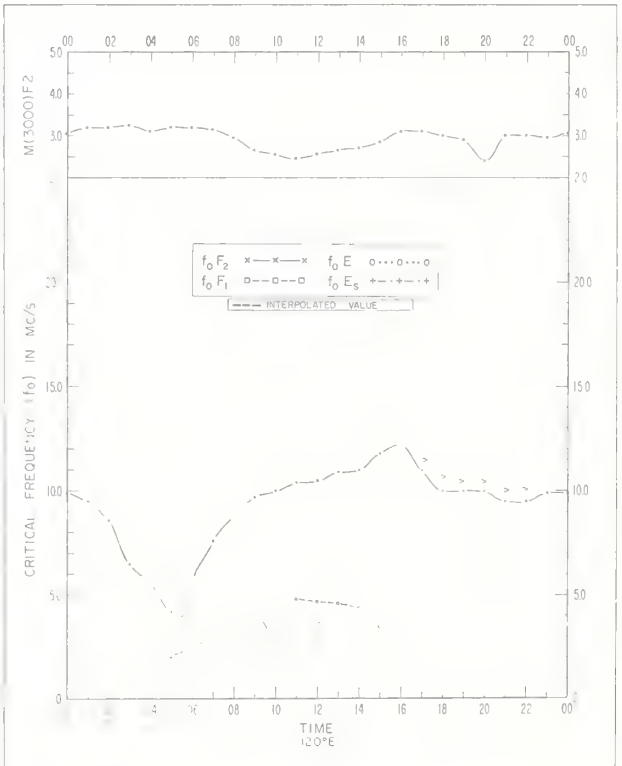

Fig. 20. BAGUIO, P.I.
16.4°N, 120.6°E
APRIL 1962

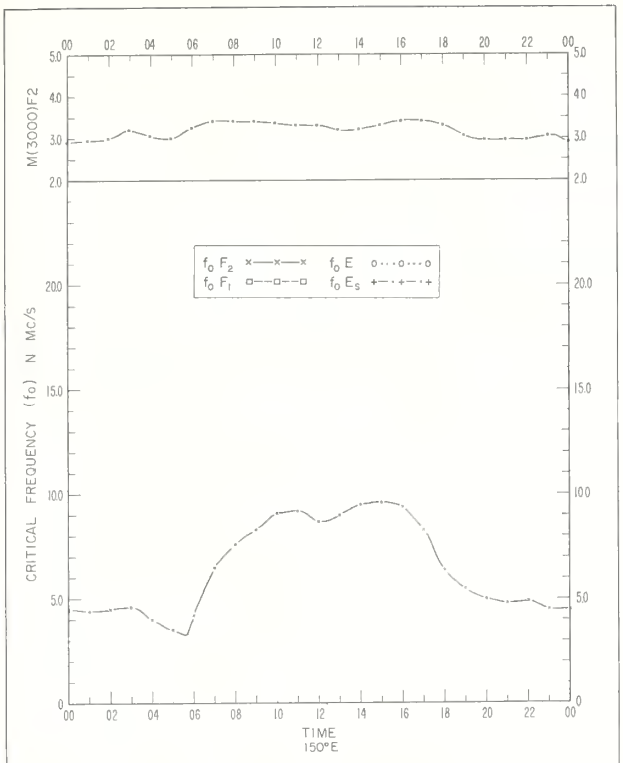

Fig. 21 BRISBANE, AUSTRALIA
27.5°S, 152.9°E
APRIL 1962

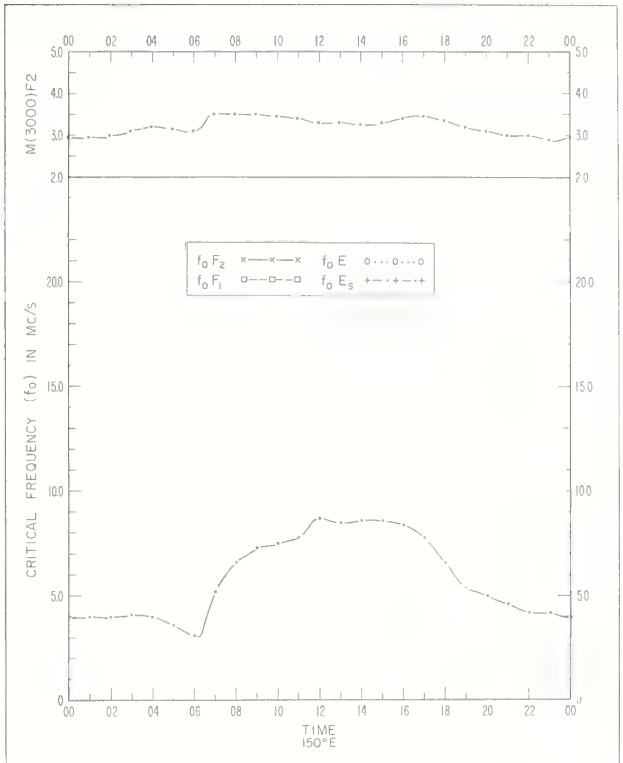

Fig. 22 CANBERRA, AUSTRALIA
35.3°S, 149.0°E
APRIL 1962

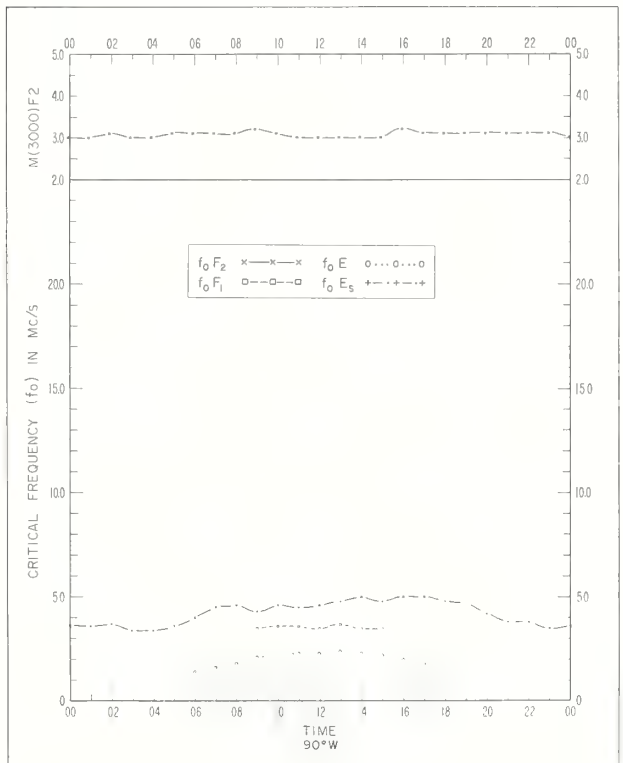

Fig. 23. RESOLUTE BAY, CANADA
74.7°N, 94.9°W
MARCH 1962

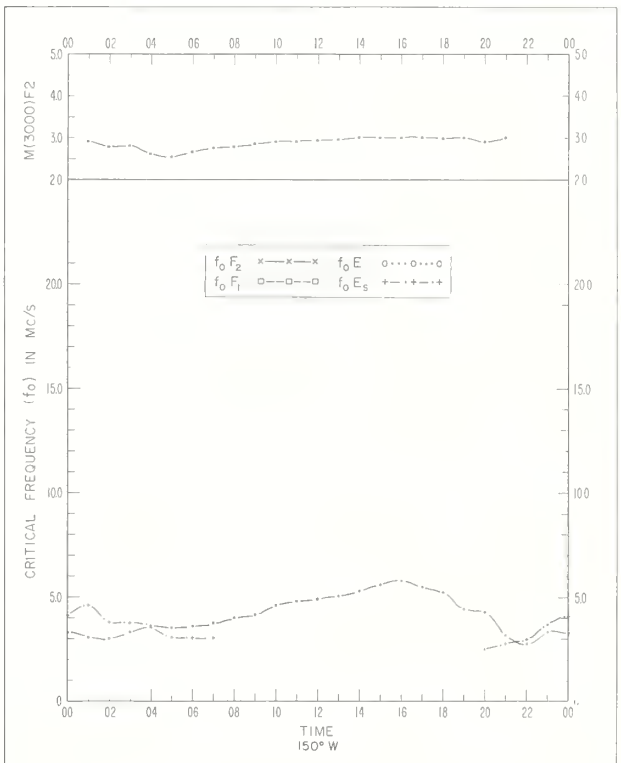

Fig. 24. BARROW, ALASKA
71.3°N, 156.8°W
MARCH 1962

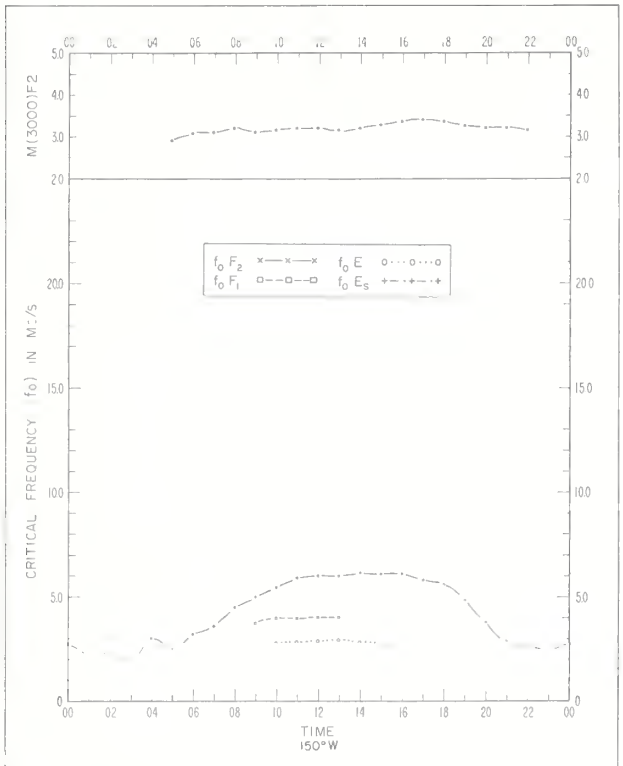

Fig. 25. ANCHORAGE, ALASKA
61.2°N, 149.9°W
MARCH 1962

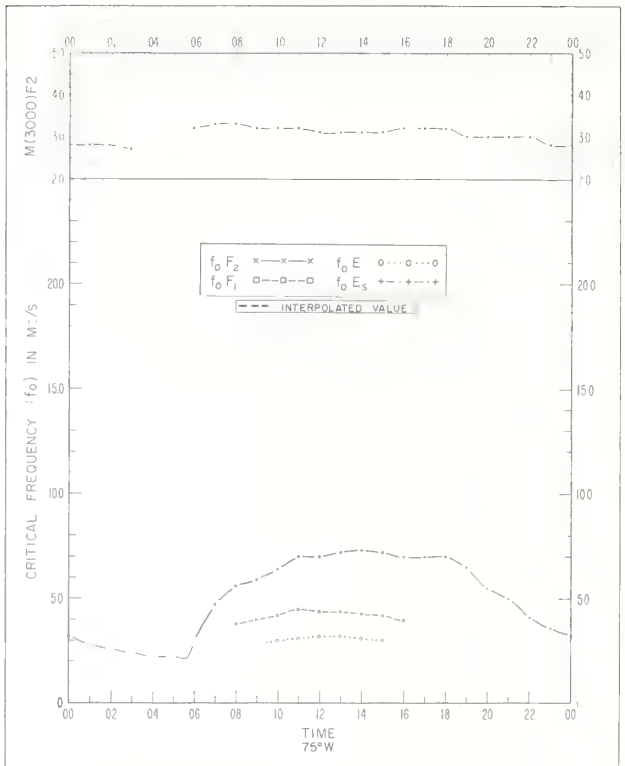

Fig. 26. OTTAWA, CANADA
45.4°N, 75.9°W
MARCH 1962

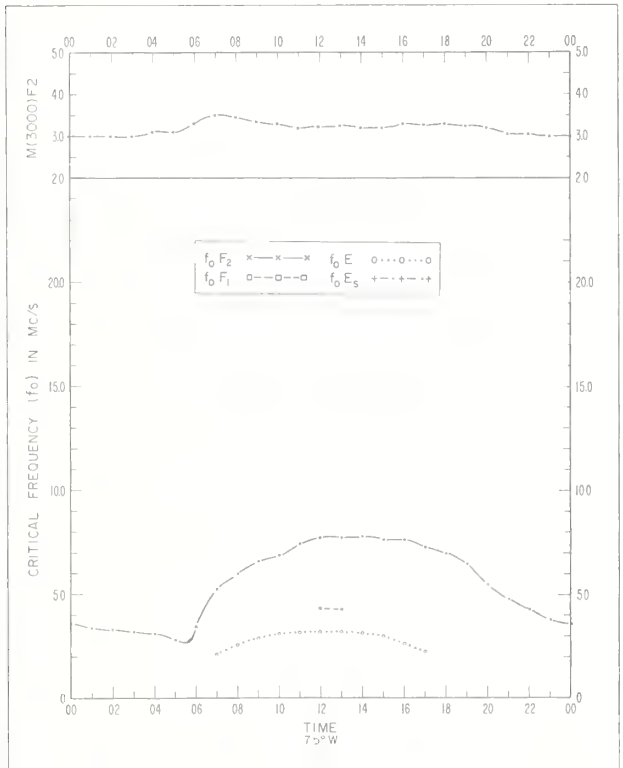

Fig. 27. FT. MONMOUTH, NEW JERSEY
40.4°N, 74.1°W
MARCH 1962

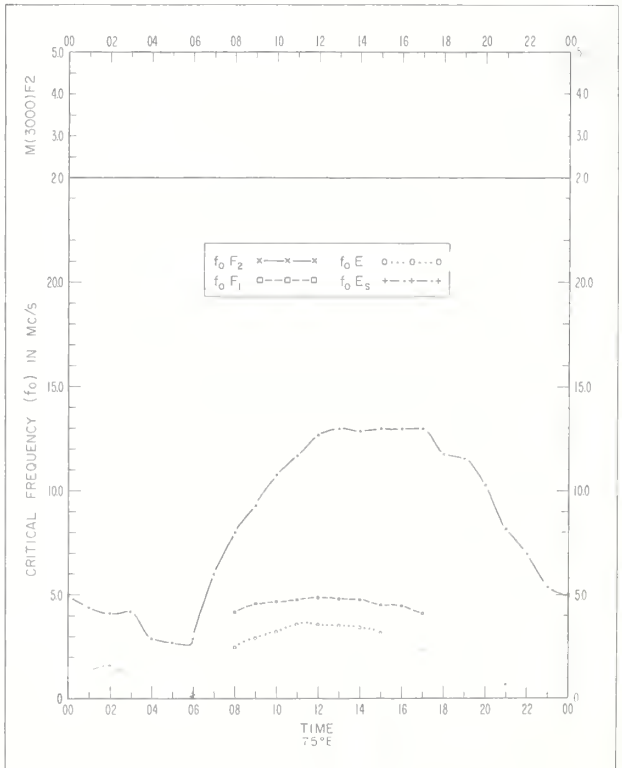

Fig. 28. AHMEDABAD, INDIA
23.0°N, 72.6°E
MARCH 1962

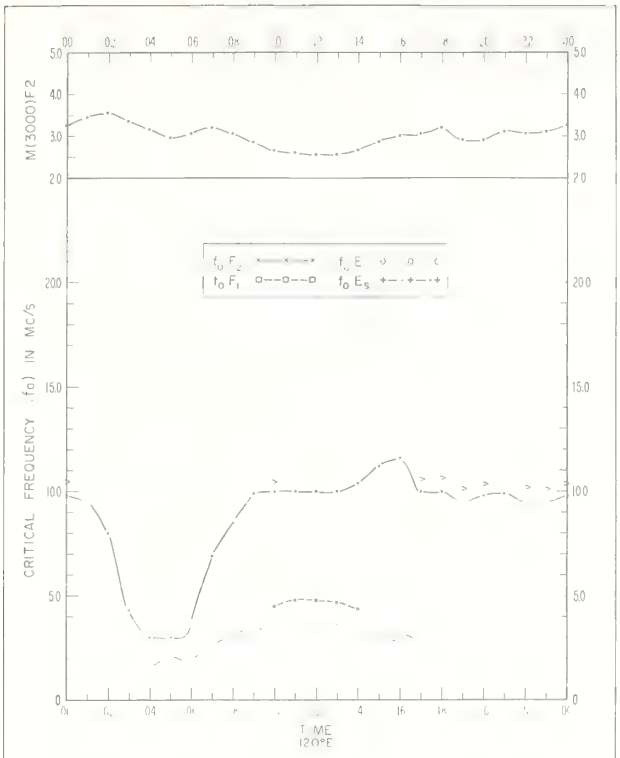

Fig. 29. BAGUIO, P. I.
16.4°N, 120.6°E
MARCH 1962

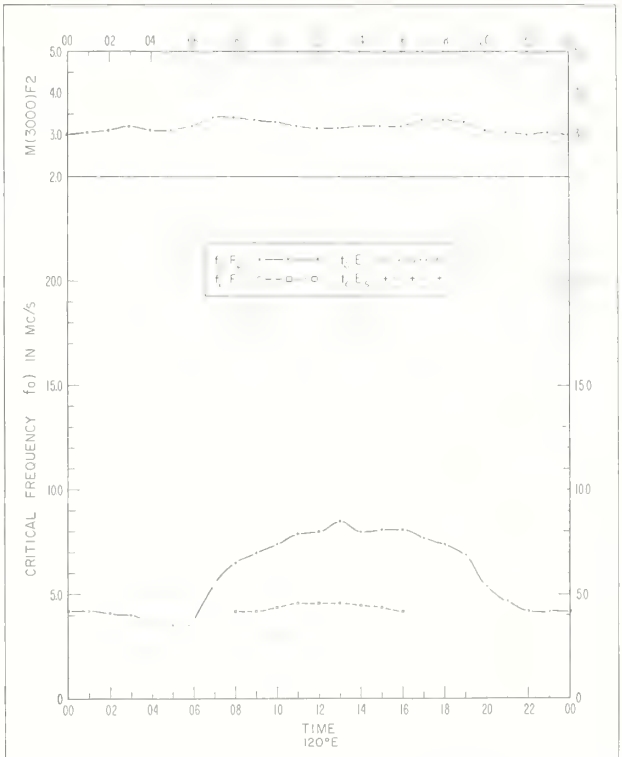

Fig 30 MUNDARING, W AUSTRALIA
32 0°S, 116 2°E
MARCH 1962

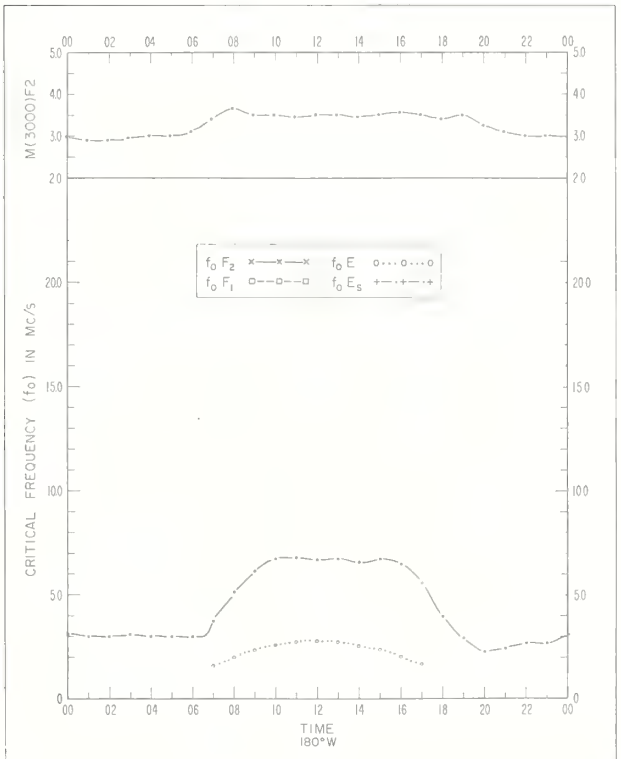

Fig.31. ADAK, ALASKA
51.9°N, 176.6°W
FEBRUARY 1962

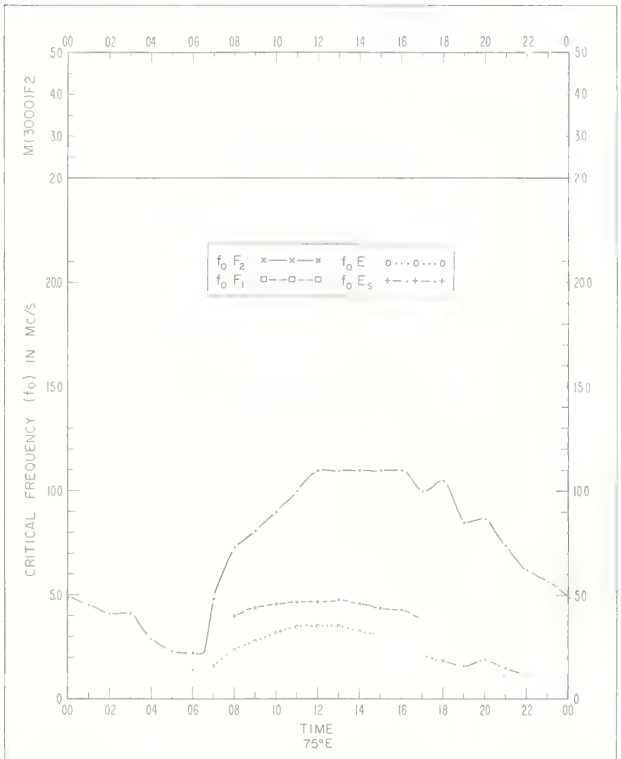

Fig. 32. AHMEDABAD, INDIA
23.0°N, 72.6°E
FEBRUARY 1962

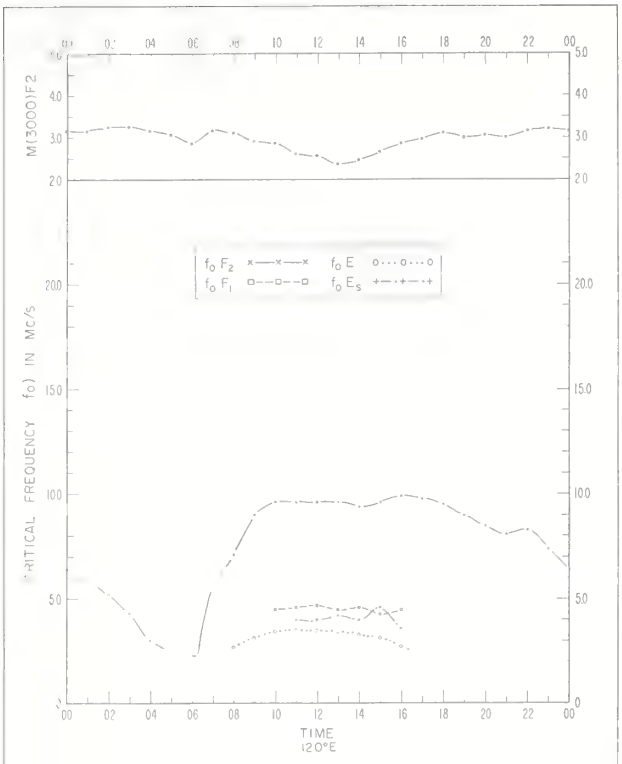

Fig. 33 BAGUIO, P I.
16.4°N, 120.6°E
FEBRUARY 1962

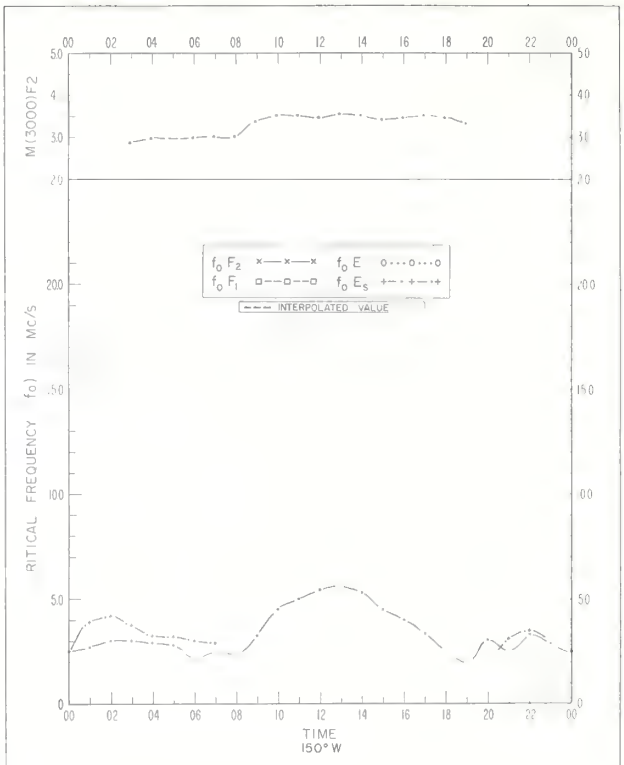

Fig 34 FAIRBANKS, ALASKA
64.9°N, 147.8°W
JANUARY 1962

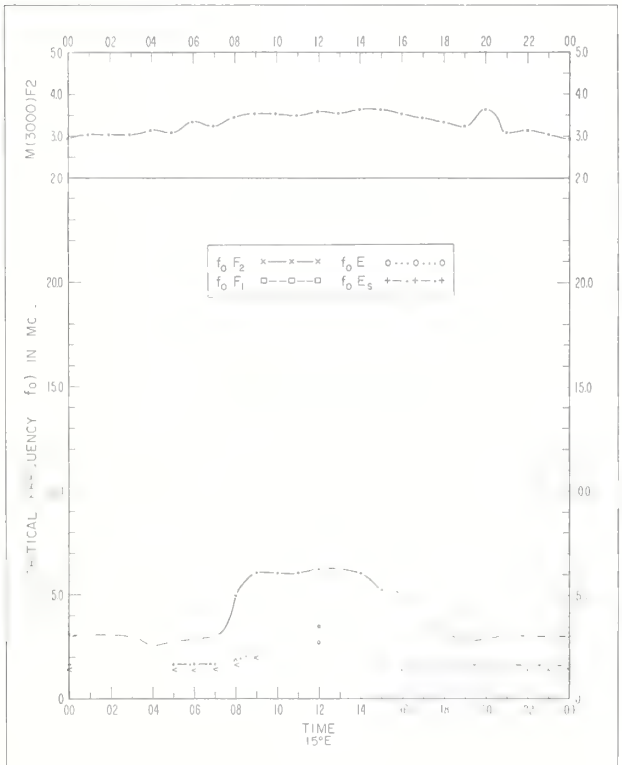

Fig. 35 WARSAW, POLAND
52.1°N, 21.2°E
JANUARY 1962

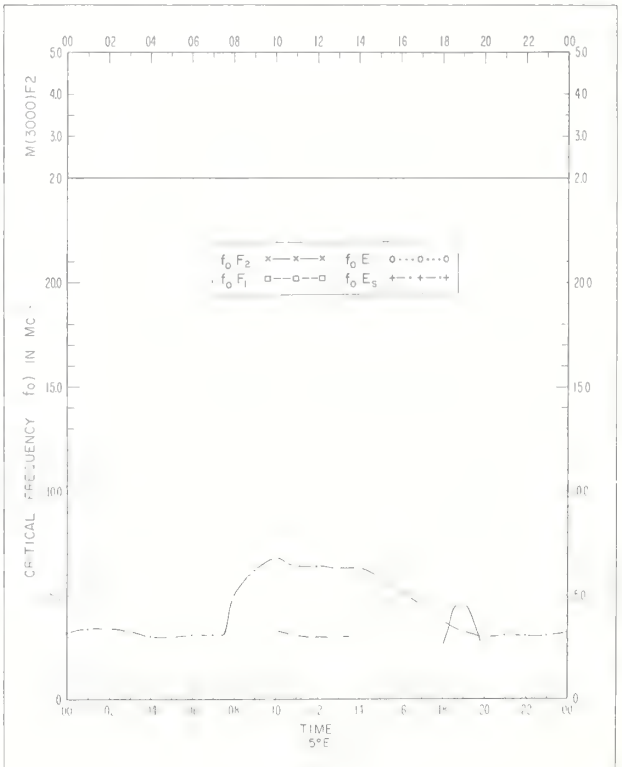

Fig 36 GRAZ, AUSTRIA
47.1°N, 15.5°E
JANUARY 1962

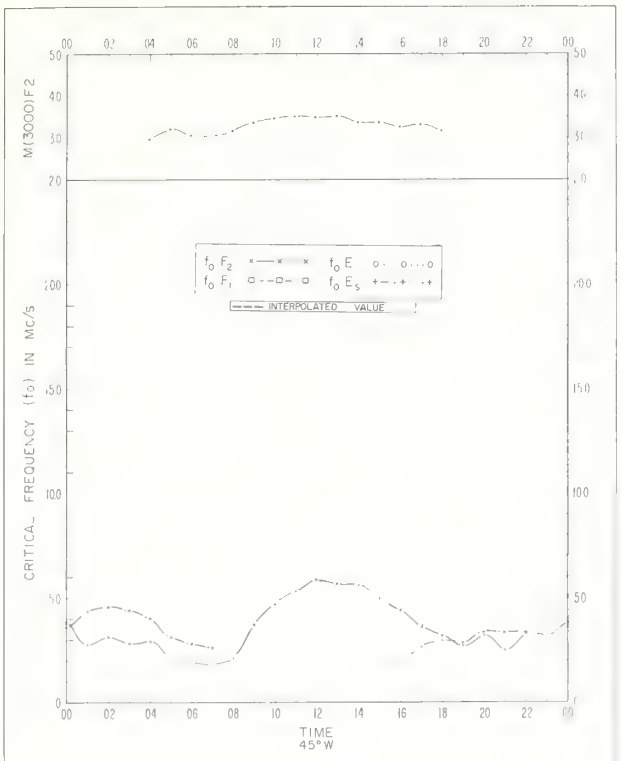

Fig 37. NARSSARSSUAQ, GREENLAND
61.2°N, 45.4°W
DECEMBER 1961

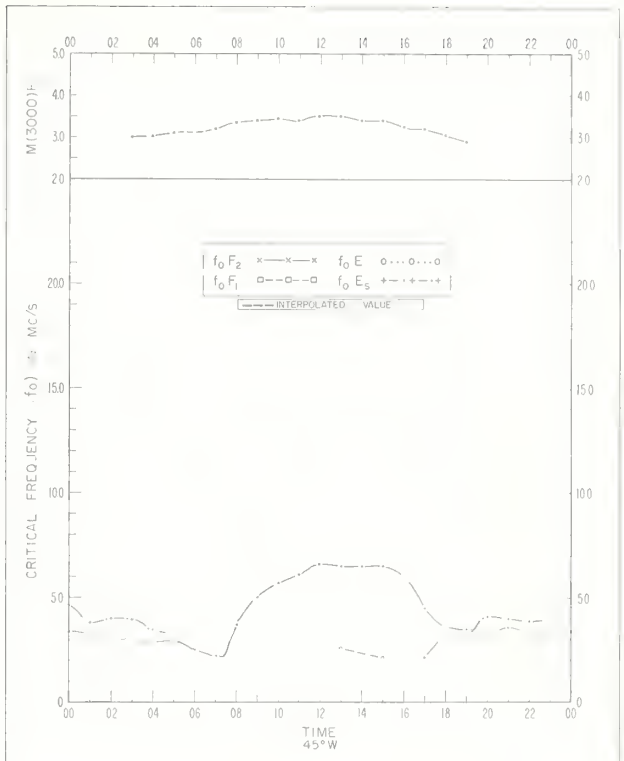

Fig. 38. NARSSARSSUAQ, GREENLAND
61.2°N, 45.4°W
NOVEMBER 1961

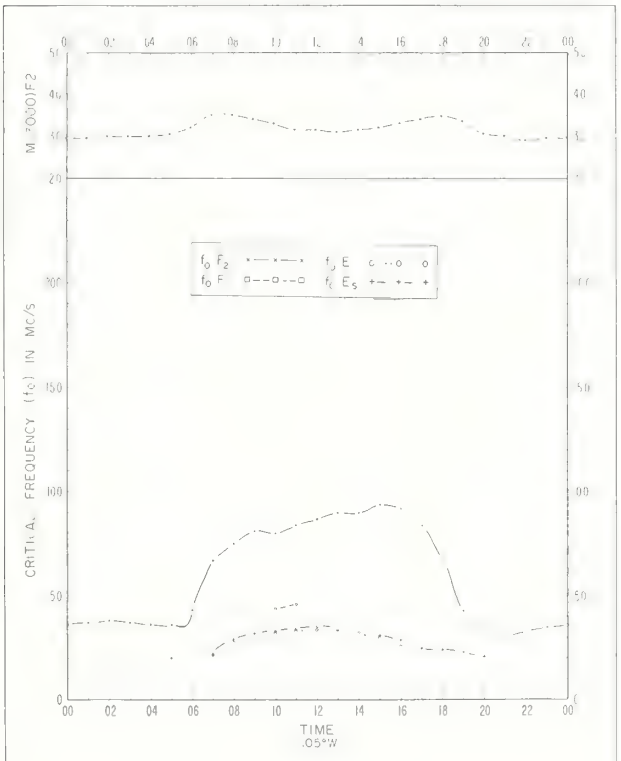

Fig. 39. WHITE SANDS, NEW MEXICO
32.3°N, 106.5°W
OCTOBER 1961

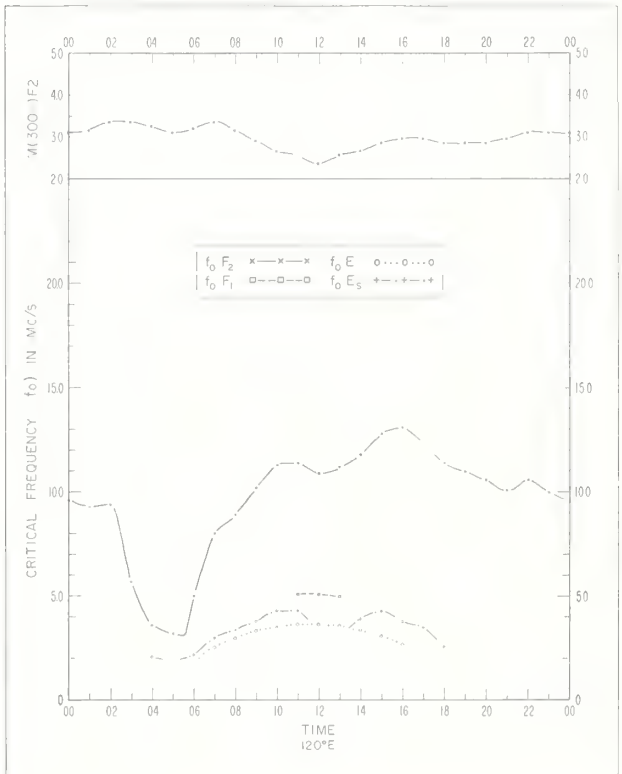

Fig. 40. BAGUIO, P I
16.4°N, 120 6°E
OCTOBER 1961

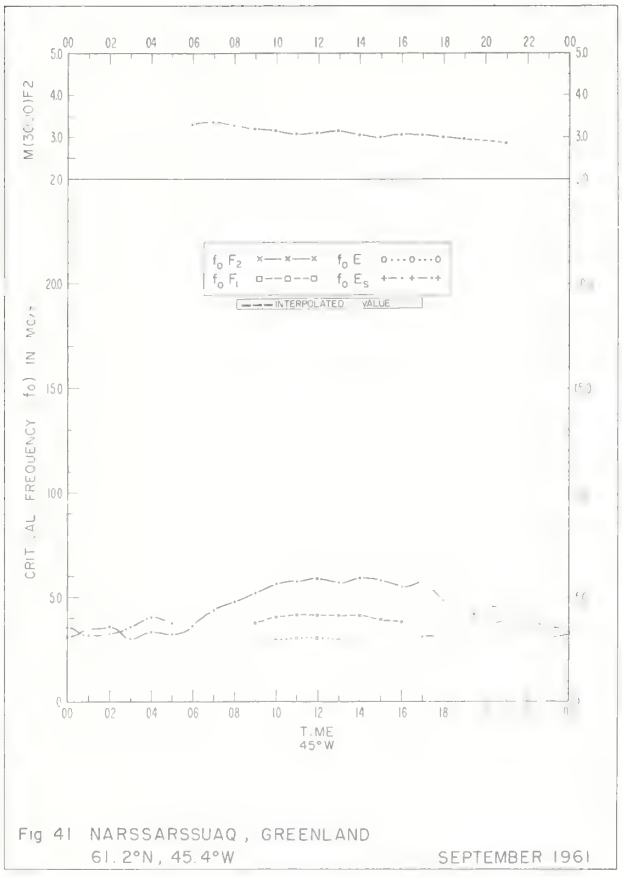

Fig 41 NARSSARSSUAQ, GREENLAND
61.2°N, 45.4°W SEPTEMBER 1961

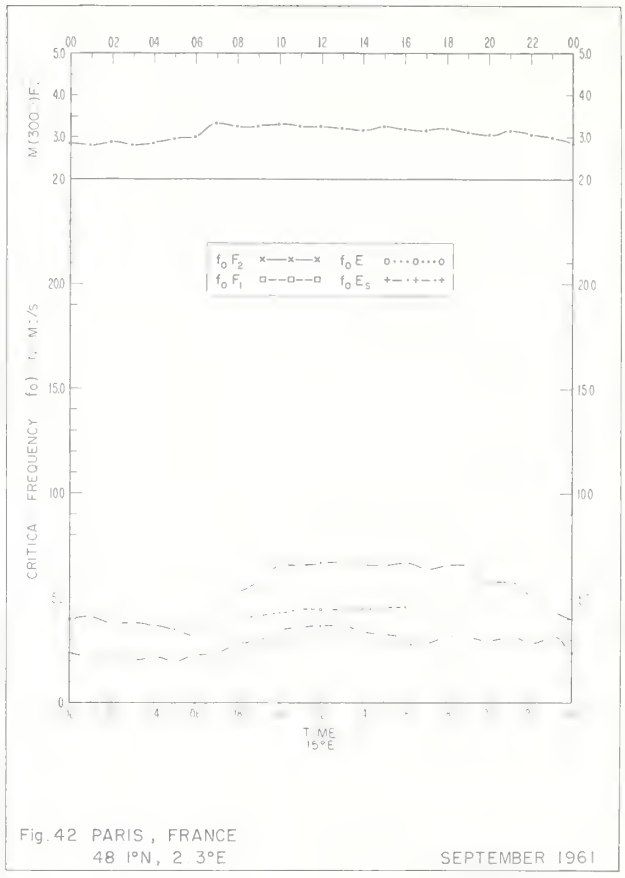

Fig. 42 PARIS, FRANCE
48.1°N, 2.3°E SEPTEMBER 1961

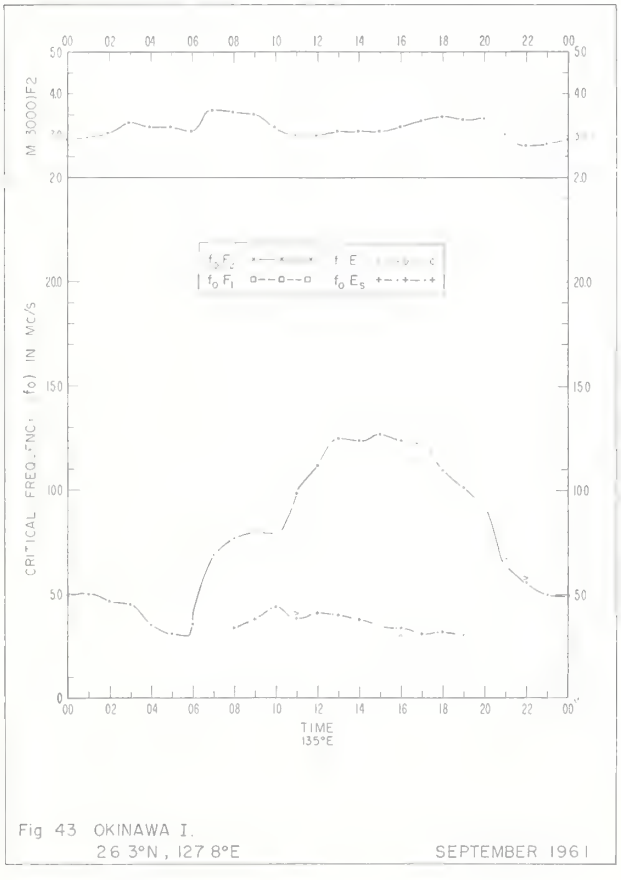

Fig 43 OKINAWA I.
26.3°N, 127.8°E SEPTEMBER 1961

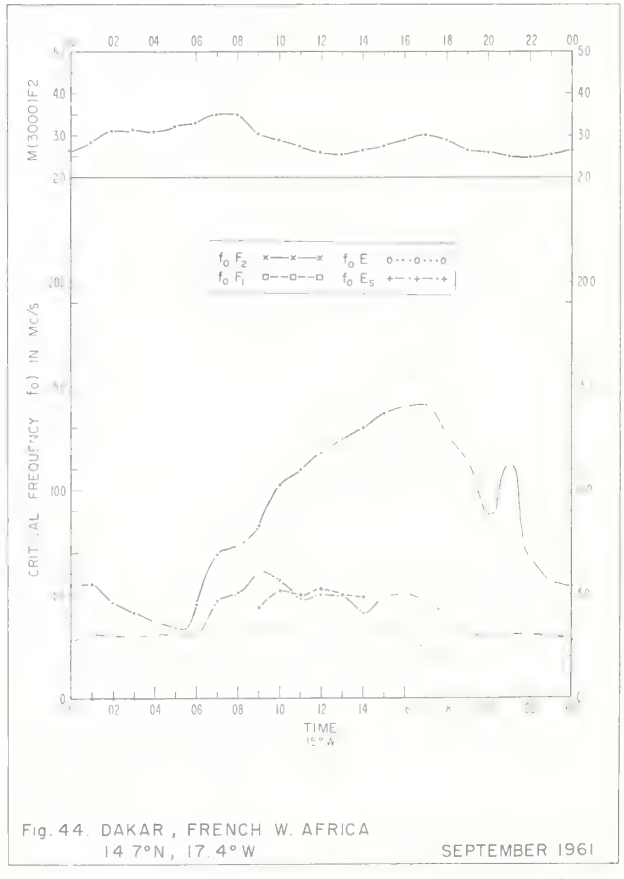

Fig. 44. DAKAR, FRENCH W. AFRICA
14.7°N, 17.4°W SEPTEMBER 1961

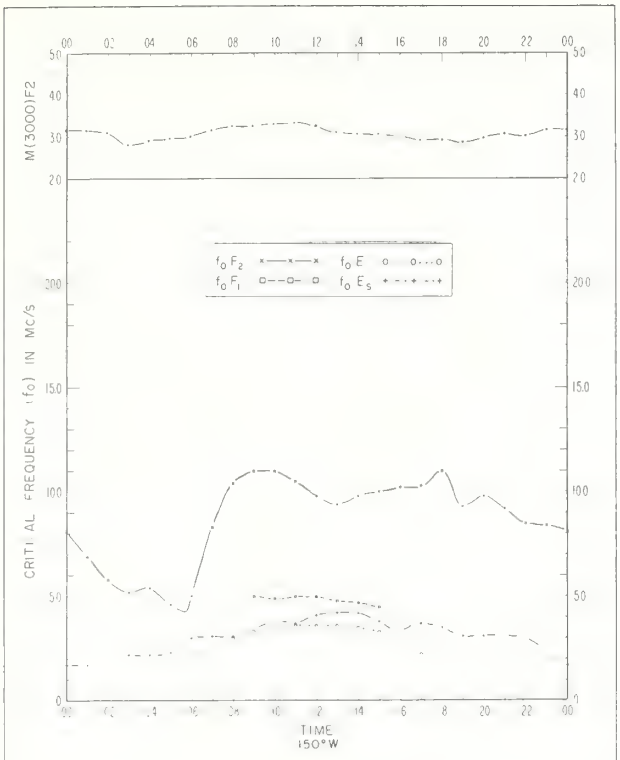

Fig. 45. TAHITI, SOCIETY IS.
17.7°S, 149.3°W
SEPTEMBER 1961

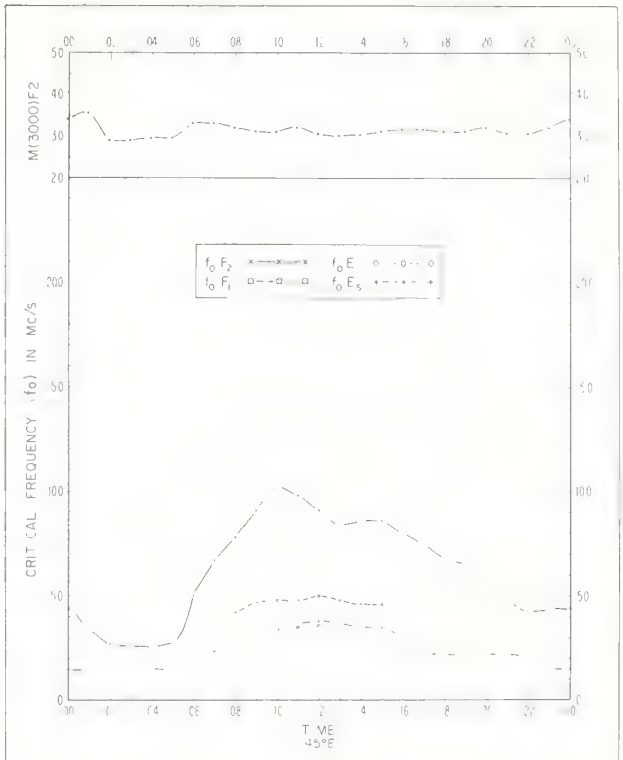

Fig. 46. TANANARIVE, MADAGASCAR
18.8°S, 47.5°E
SEPTEMBER 1961

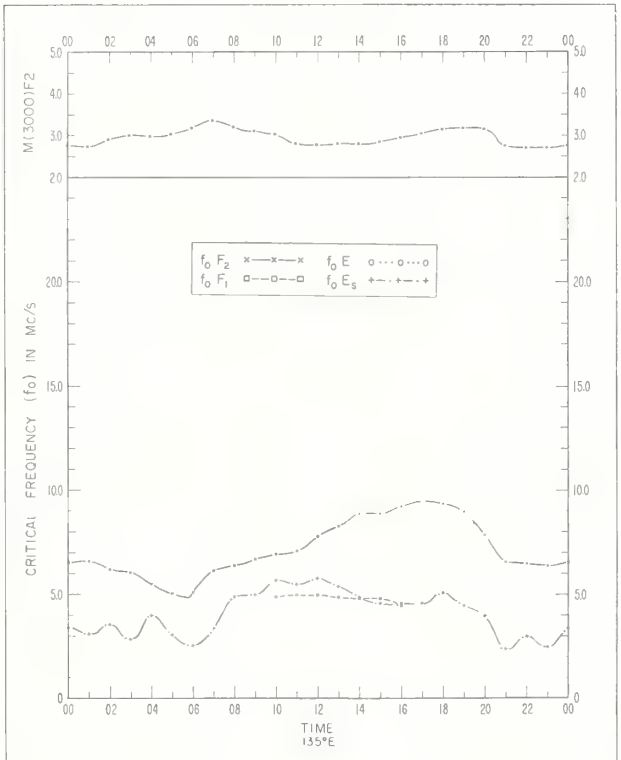

Fig. 47. OKINAW I.
26.3°N, 127.8°E
JULY 1961

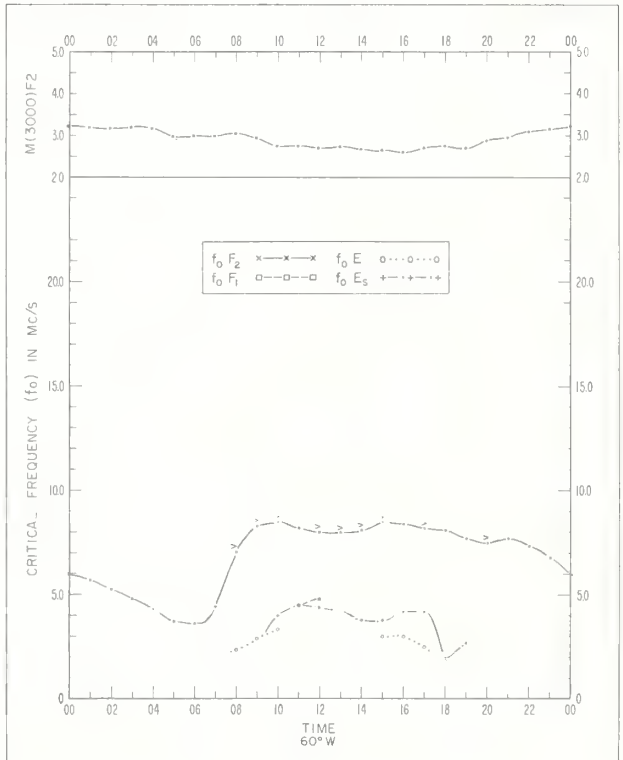

Fig. 48. LA PAZ, BOLIVIA
16.5°S, 68.1°W
JULY 1961

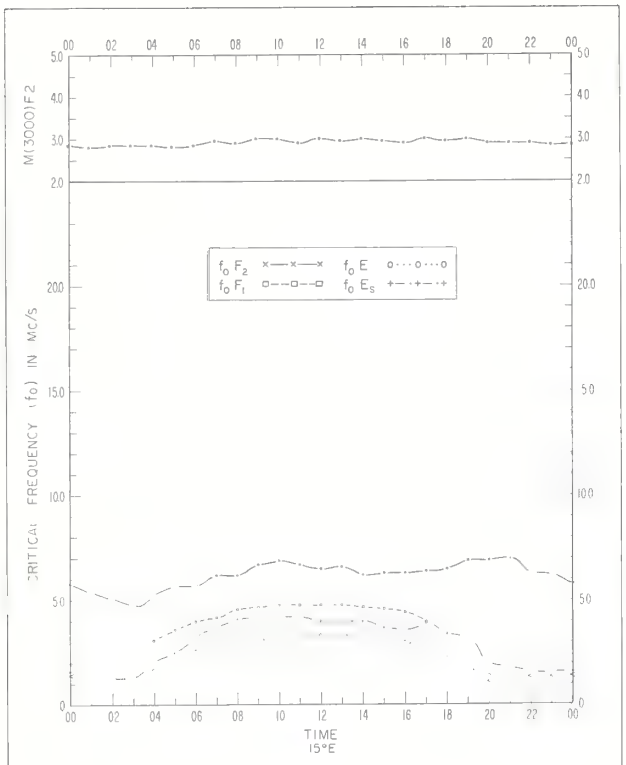

Fig 49 WARSAW, POLAND
52 1°N, 21.2°E
JUNE 1961

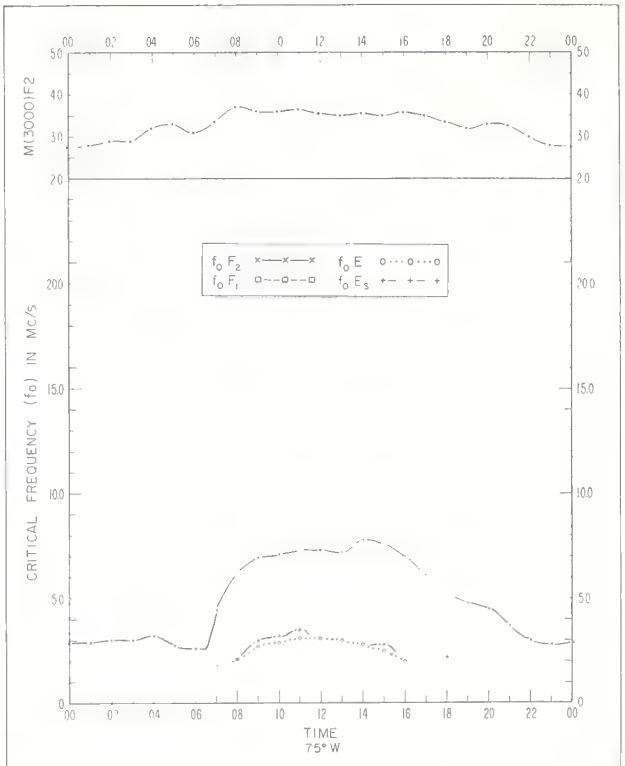

Fig. 50 CONCEPCION, CHILE
36.6°S, 73.0°W
JUNE 1961

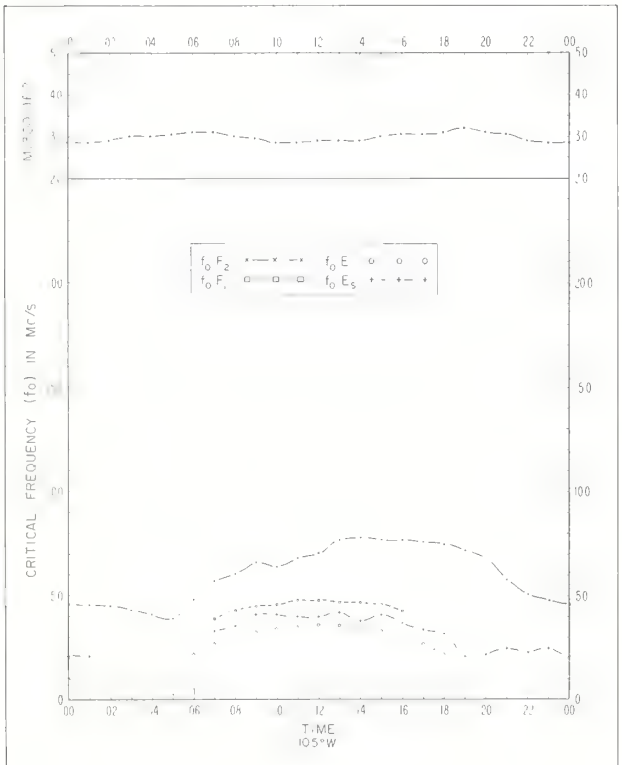

Fig. 51. WHITE SANDS, NEW MEXICO
32.3°N, 106.5°W
MAY 1961

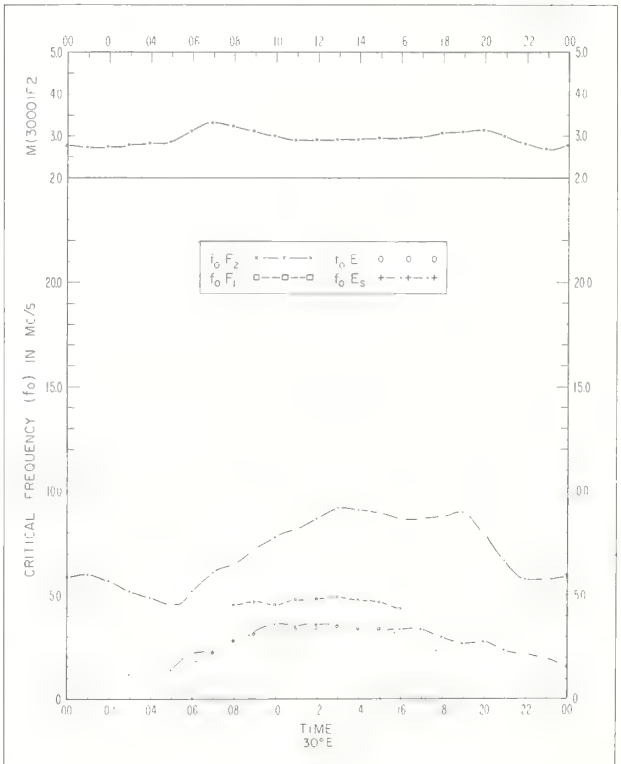

Fig 52. ATHENS, GREECE
38.0°N, 23.6°E
APRIL 1961

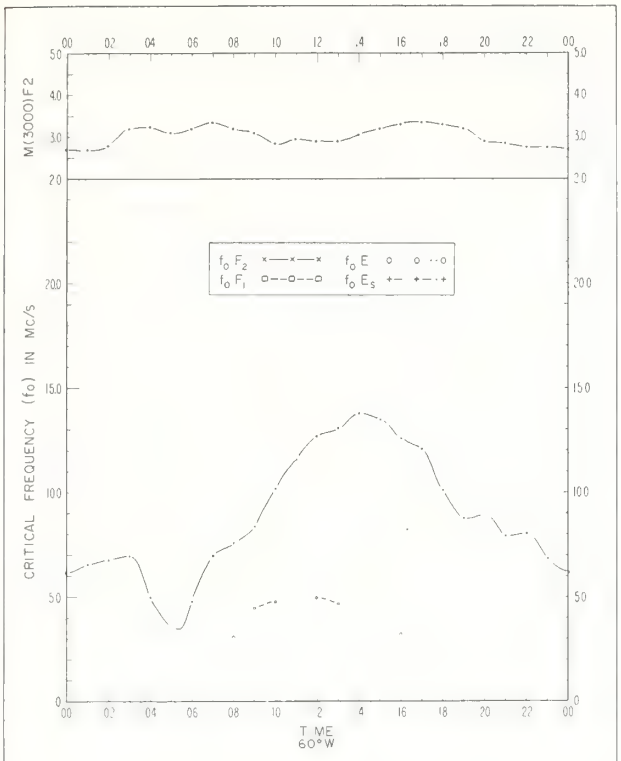

Fig. 53. BUENOS AIRES, ARGENTINA
34.5°S, 58.5°W
MARCH 1961

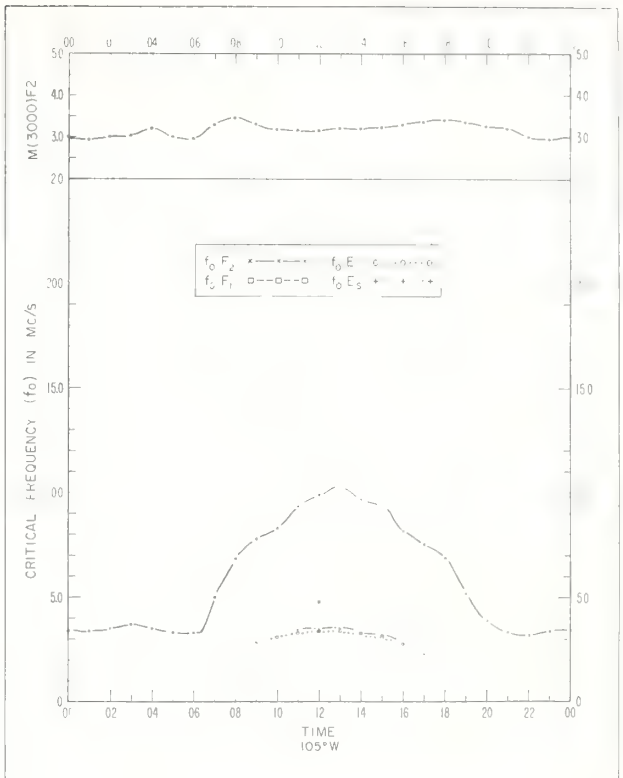

Fig 54 WHITE SANDS, NEW MEXICO
32.3°N, 106.5°W
FEBRUARY 1961

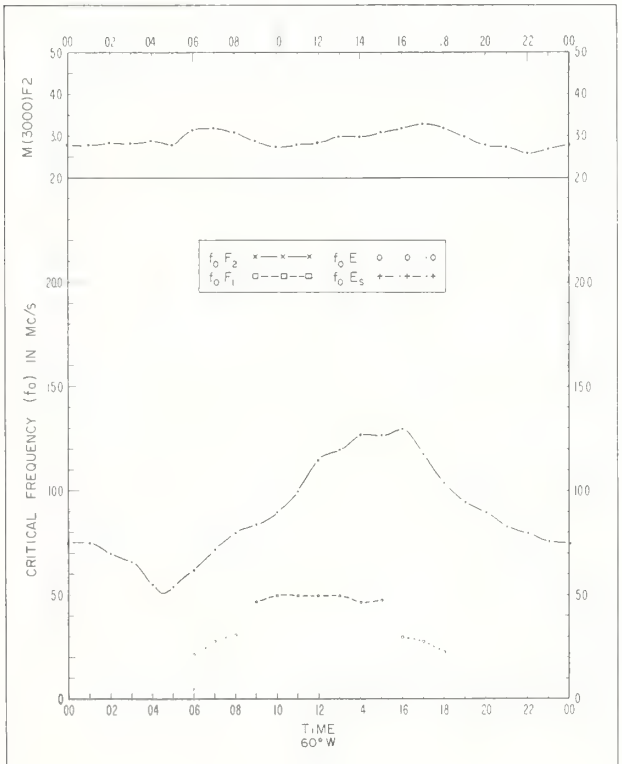

Fig. 55. BUENOS AIRES, ARGENTINA
34.5°S, 58.5°W
FEBRUARY 1961

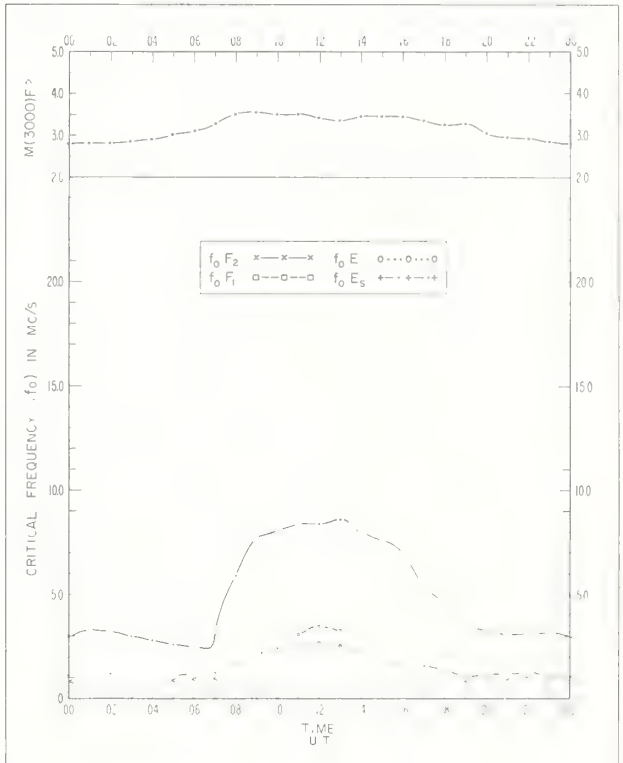

Fig 56. DOURBES, BELGIUM
50 1°N, 4 6°E
JANUARY 1961

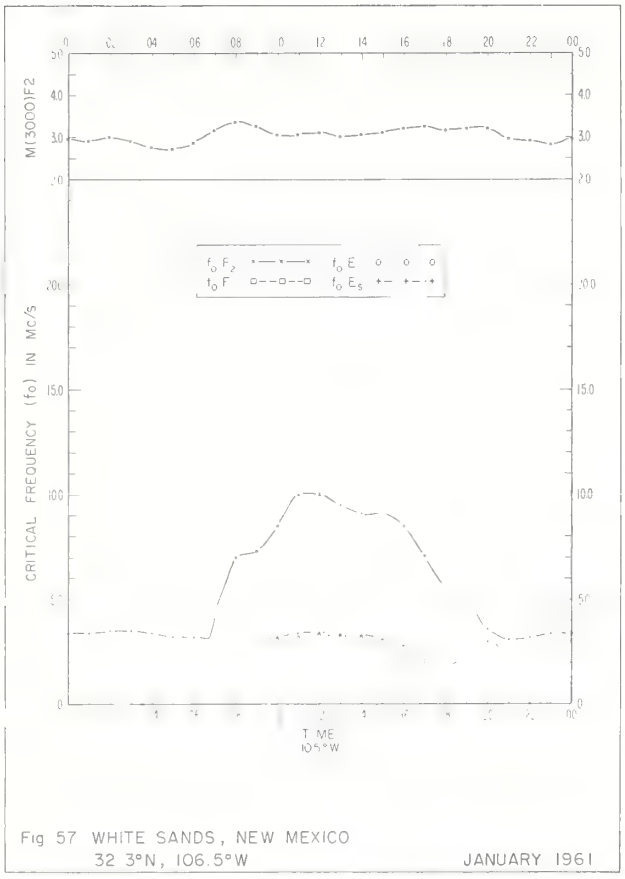

Fig 57 WHITE SANDS, NEW MEXICO
32 3°N, 106.5°W
JANUARY 1961

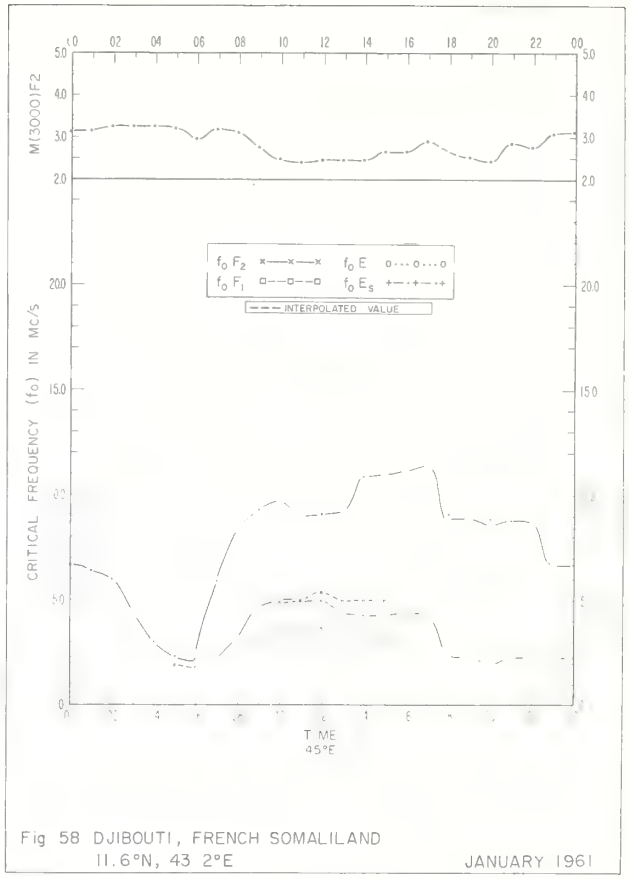

Fig 58 DJIBOUTI, FRENCH SOMALILAND
11.6°N, 43 2°E
JANUARY 1961

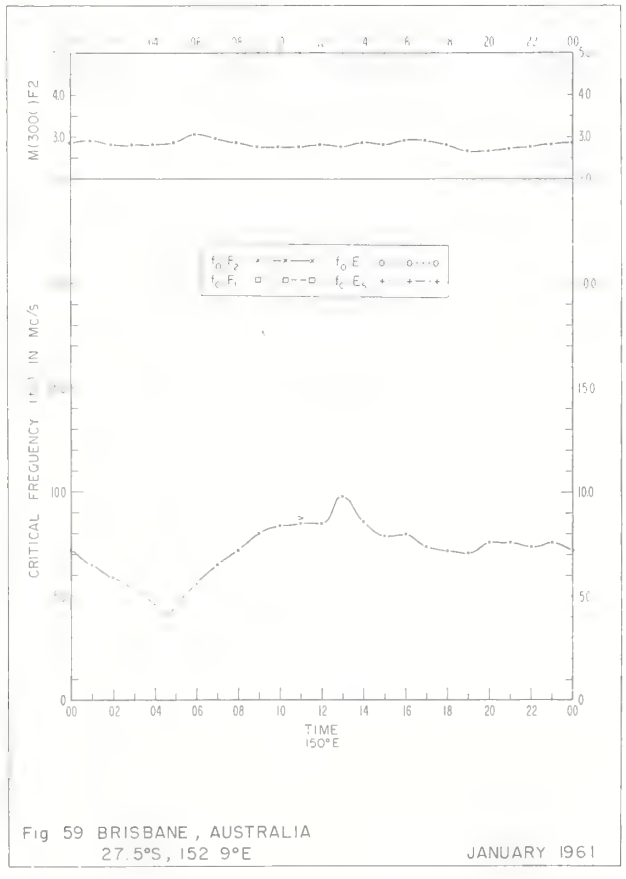

Fig 59 BRISBANE, AUSTRALIA
27.5°S, 152 9°E
JANUARY 1961

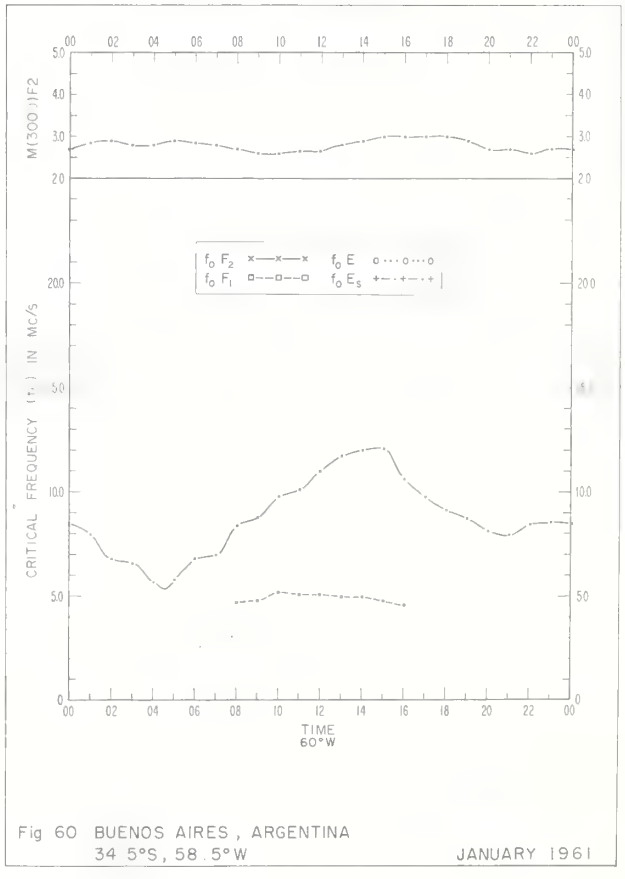

Fig 60 BUENOS AIRES, ARGENTINA
34 5°S, 58 5°W
JANUARY 1961

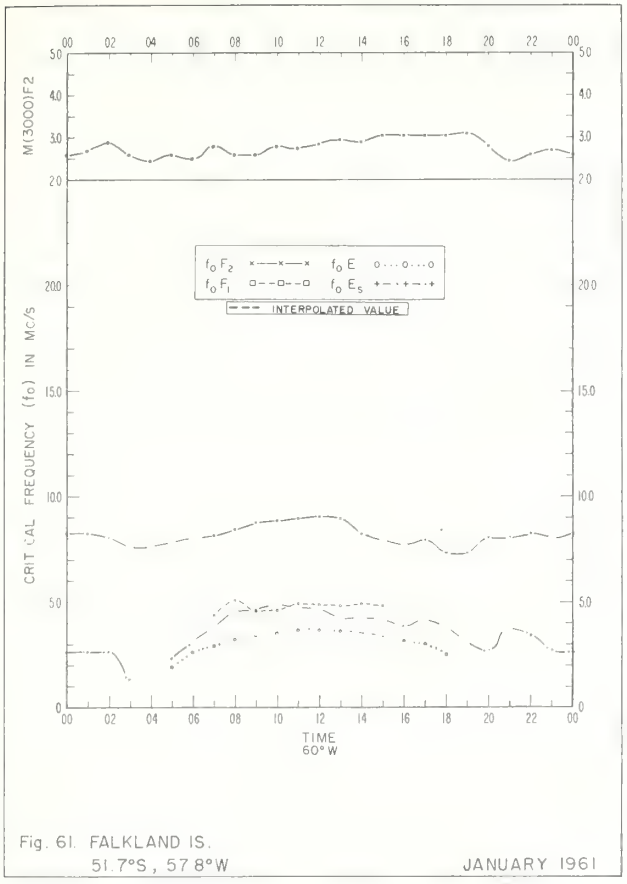

Fig. 61. FALKLAND IS.
51.7°S, 57.8°W
JANUARY 1961

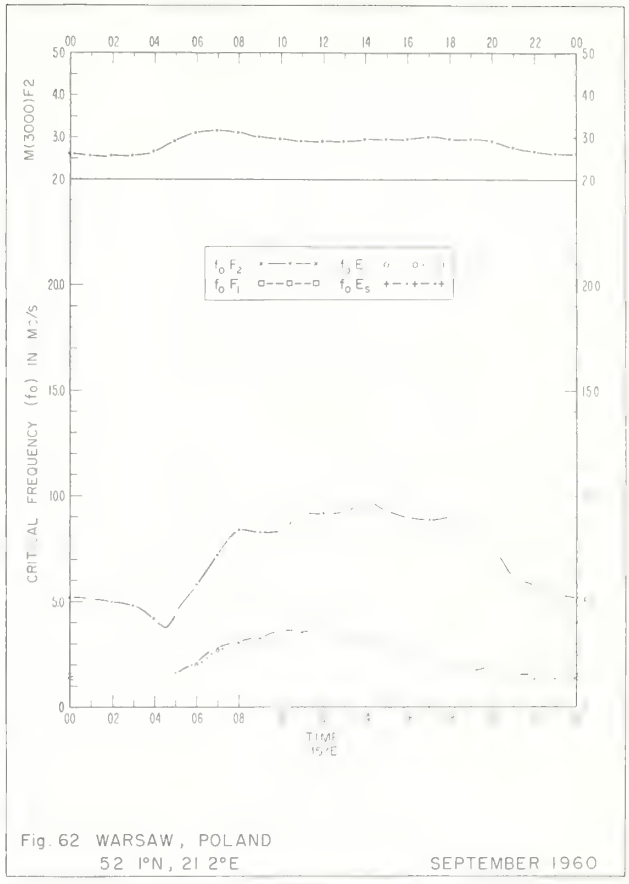

Fig. 62 WARSAW, POLAND
52 1°N, 21 2°E
SEPTEMBER 1960

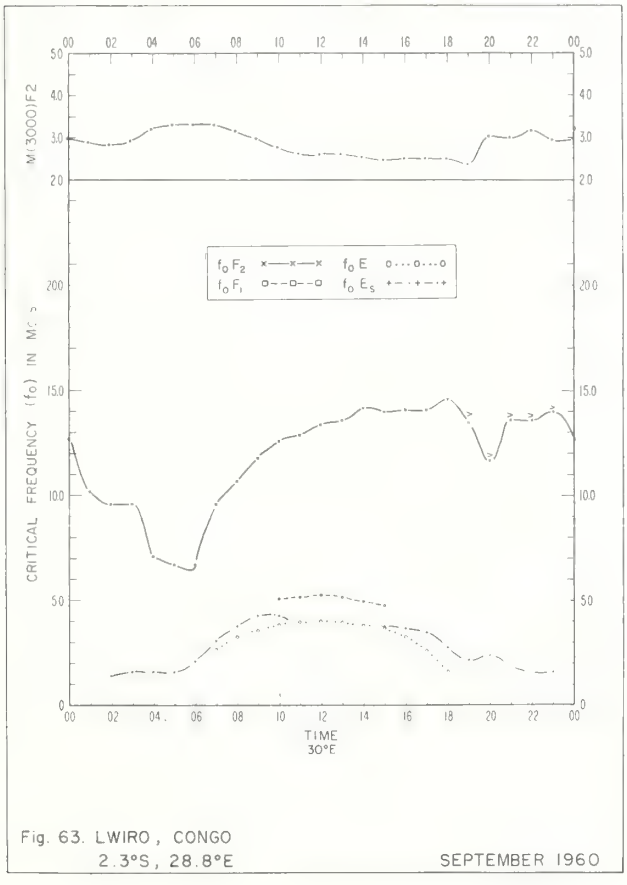

Fig. 63. LWIRO, CONGO
2.3°S, 28.8°E
SEPTEMBER 1960

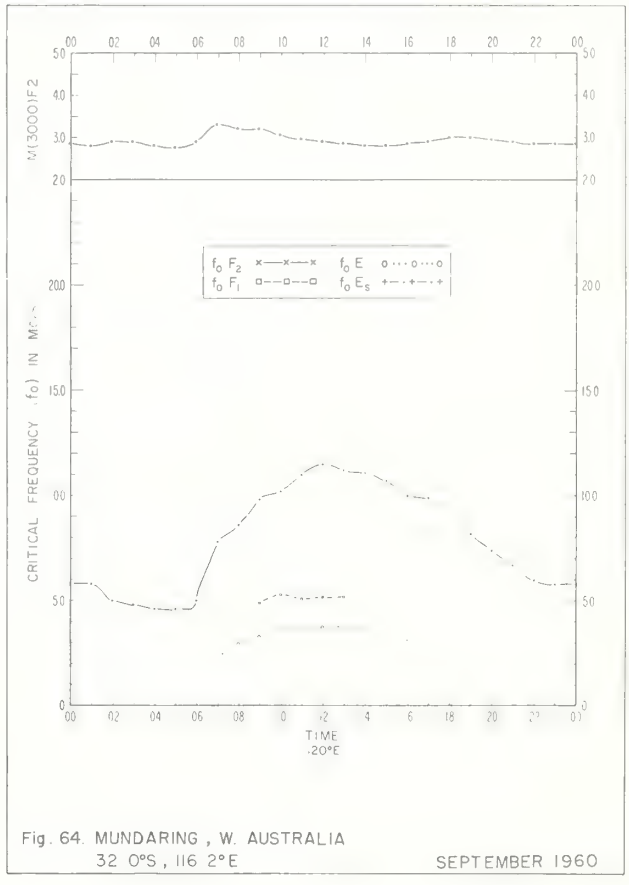

Fig. 64. MUNDARING, W. AUSTRALIA
32 0°S, 116 2°E
SEPTEMBER 1960

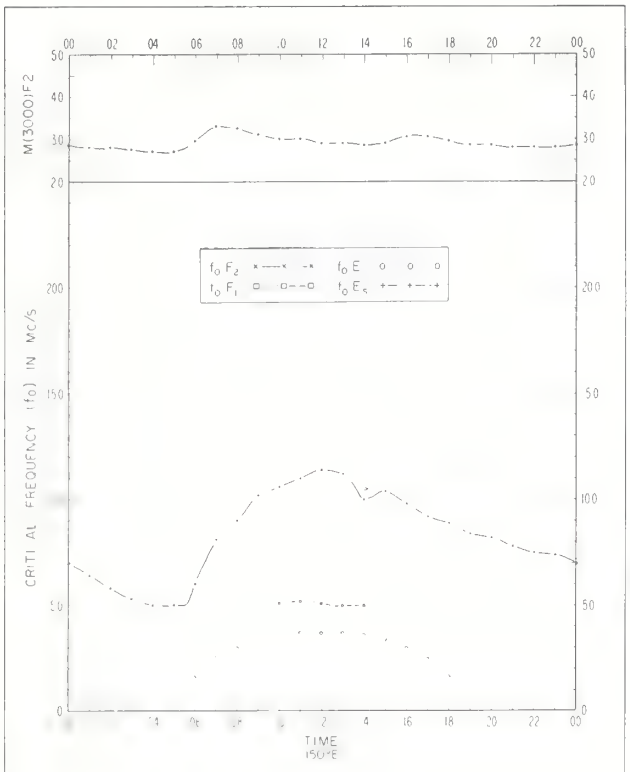

Fig 65 CANBERRA, AUSTRALIA
35.3°S, 149.0°E
SEPTEMBER 1960

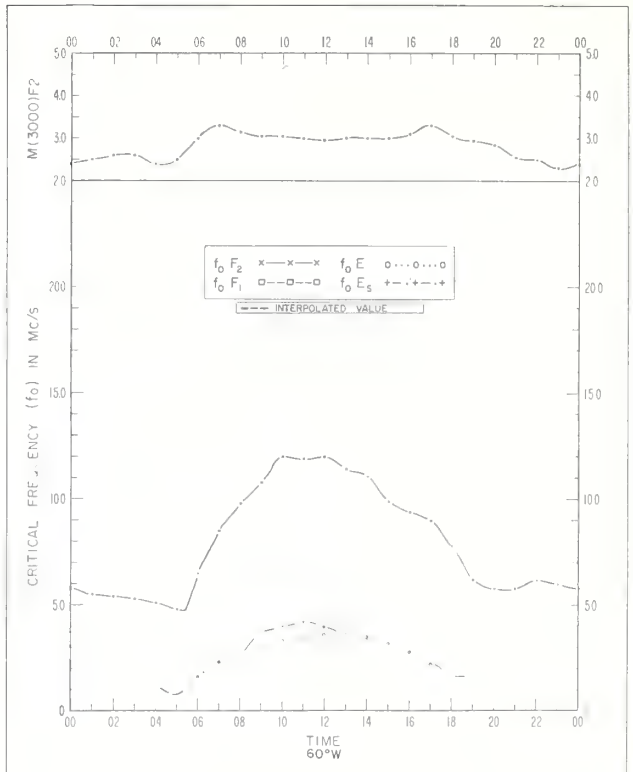

Fig. 66 FALKLAND IS
51.7°S, 57.8°W
SEPTEMBER 1960

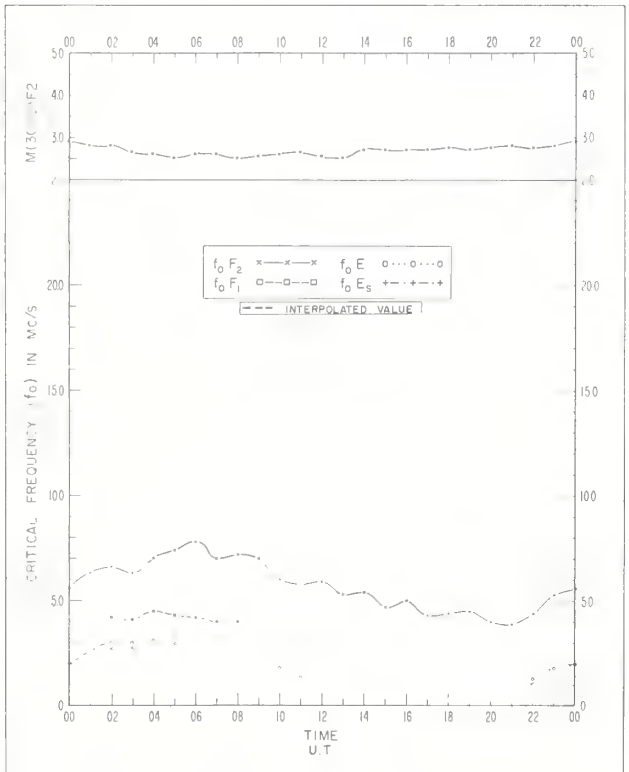

Fig. 67 WILKES STATION
66.3°S, 110.5°E
SEPTEMBER 1960

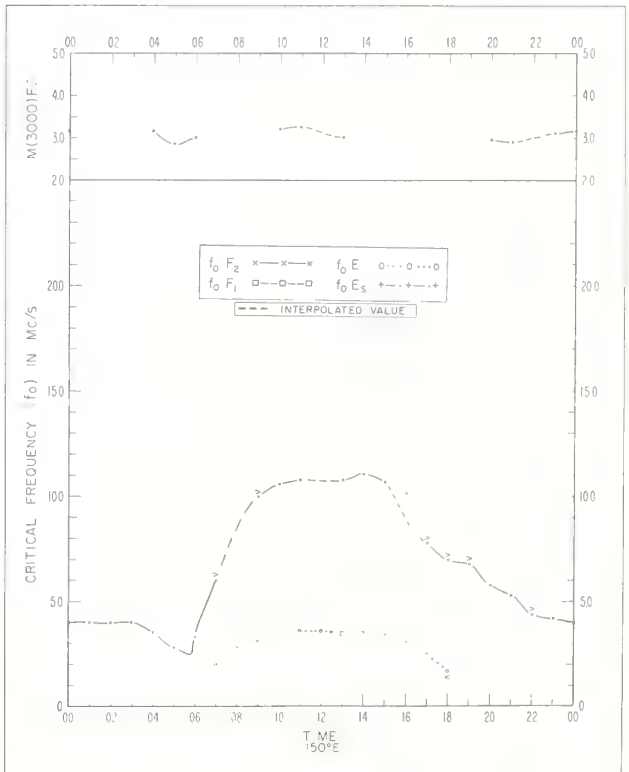

Fig 68 TOWNSVILLE, AUSTRALIA
19.3°S, 146.7°E
JULY 1960

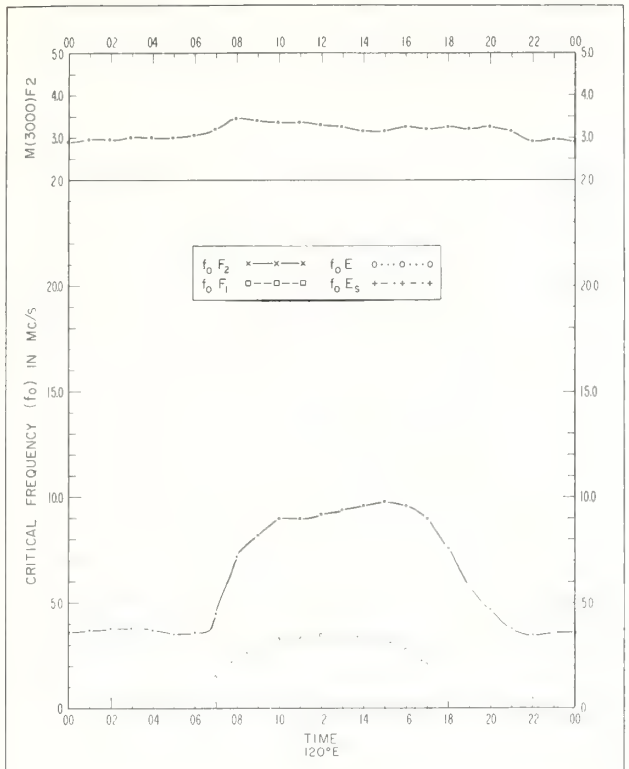

Fig. 69 MUNDARING, W. AUSTRALIA
32 0°S, 116.2°E
JULY 1960

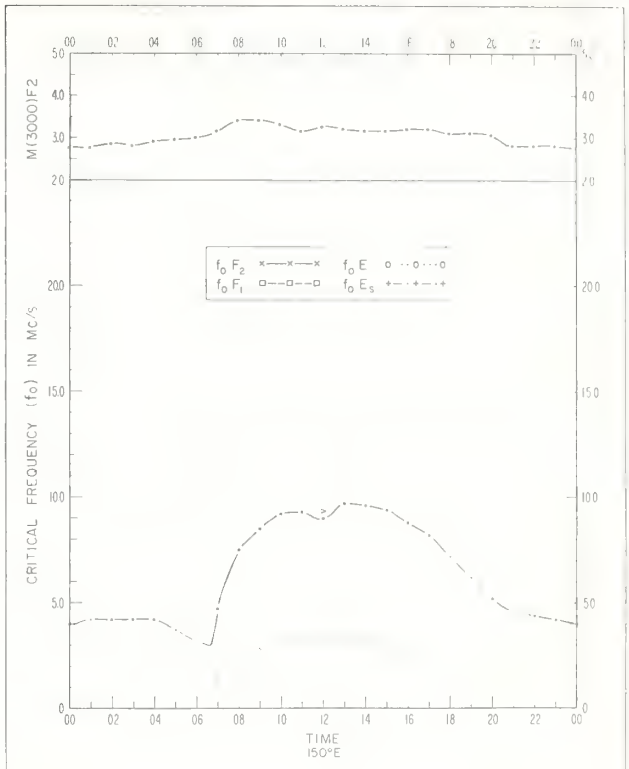

Fig 70 CANBERRA, AUSTRALIA
35 3°S, 149 0°E
JULY 1960

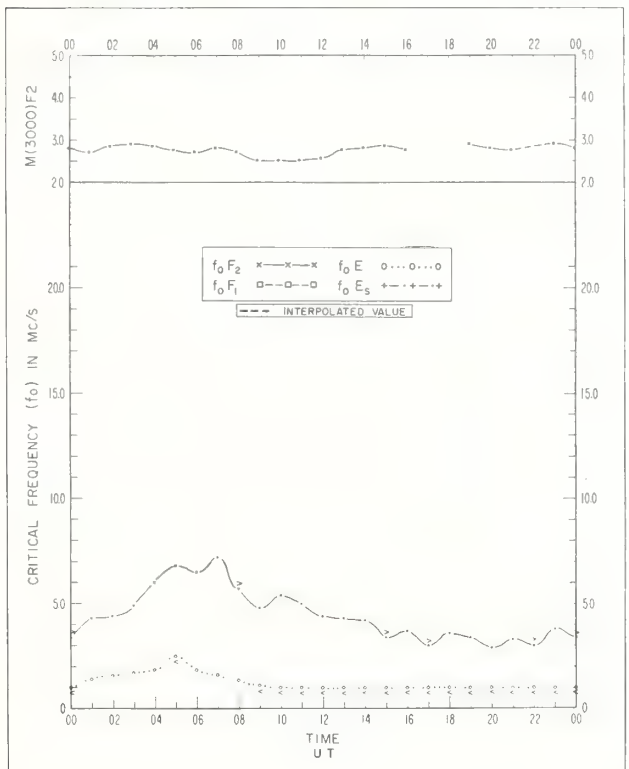

Fig. 71. WILKES STATION
66.3°S, 110.5°E
JULY 1960

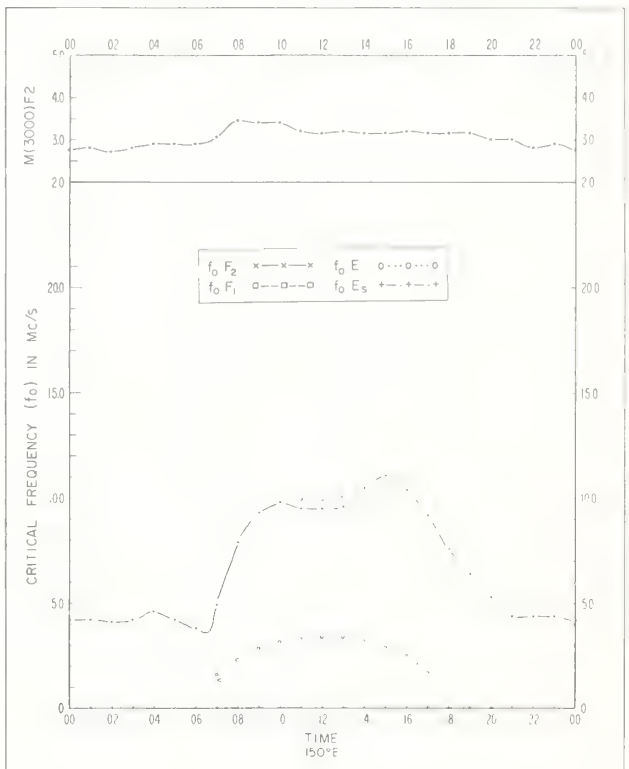

Fig. 72. CANBERRA, AUSTRALIA
35 3°S, 149.0°E
JUNE 1960

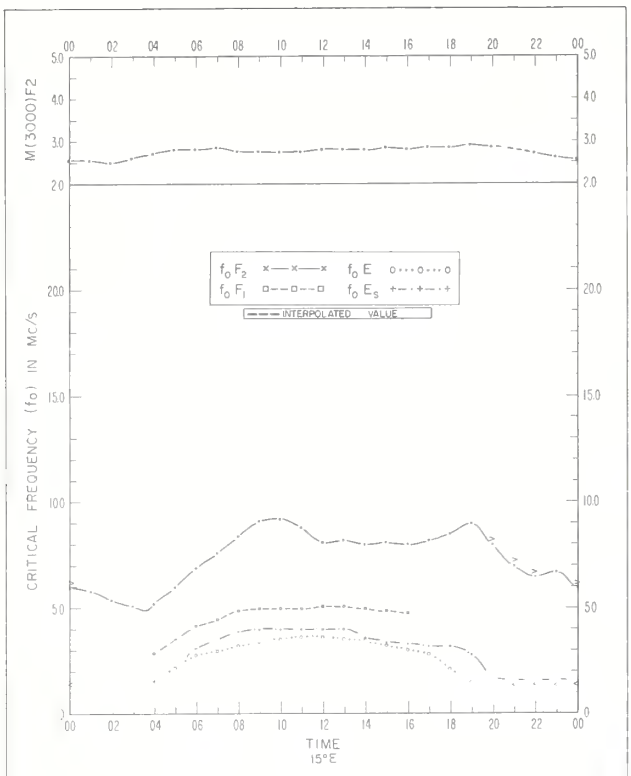

Fig. 73 WARSAW, POLAND
52 1°N, 21 2°E
MAY 1960

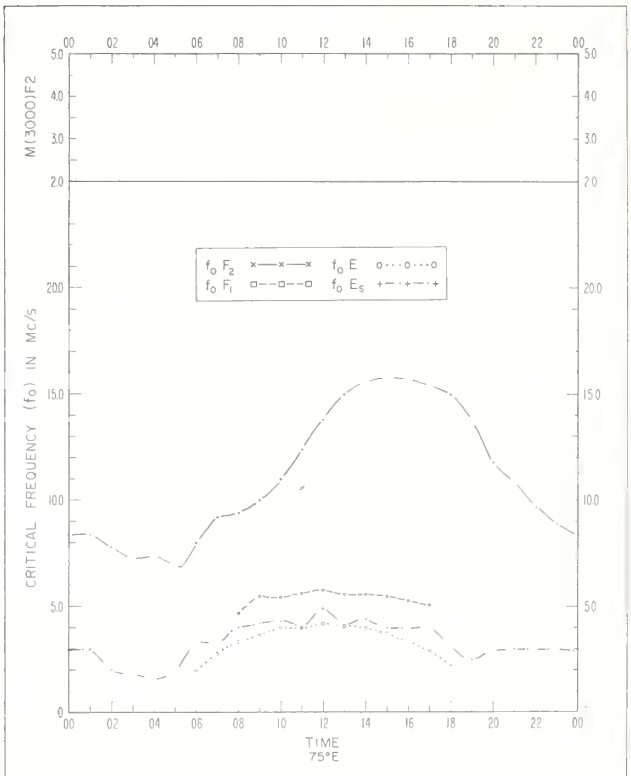

Fig 74 AHMEDABAD, INDIA
23.0°N, 72.6°E
MAY 1960

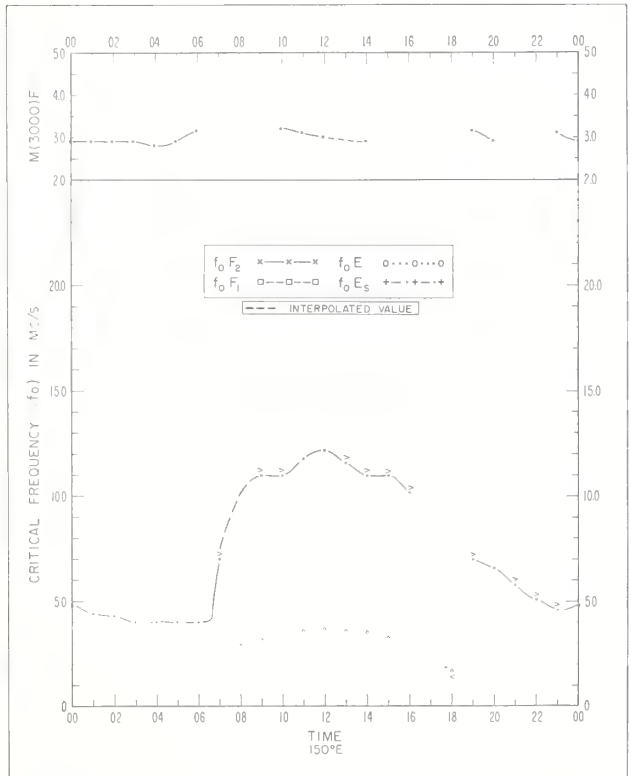

Fig 75. TOWNSVILLE, AUSTRALIA
19.3°S, 146.7°E
MAY 1960

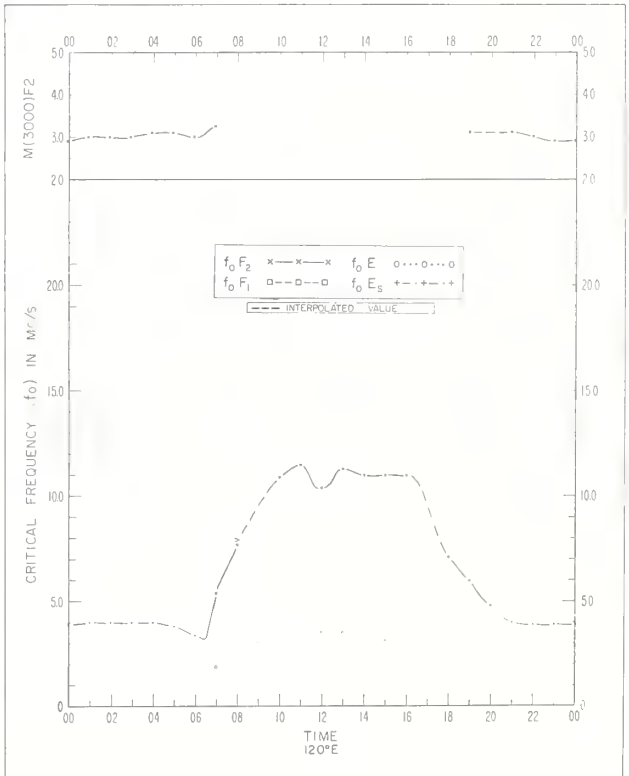

Fig 76 MUNDARING, W. AUSTRALIA
32.0°S, 116.2°E
MAY 1960

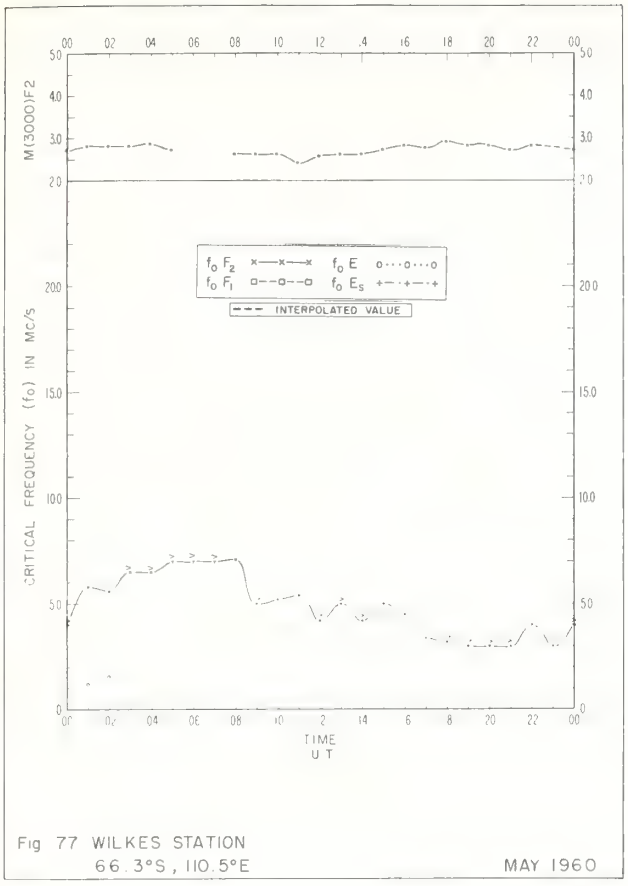

Fig 77 WILKES STATION
66.3°S, 110.5°E
MAY 1960

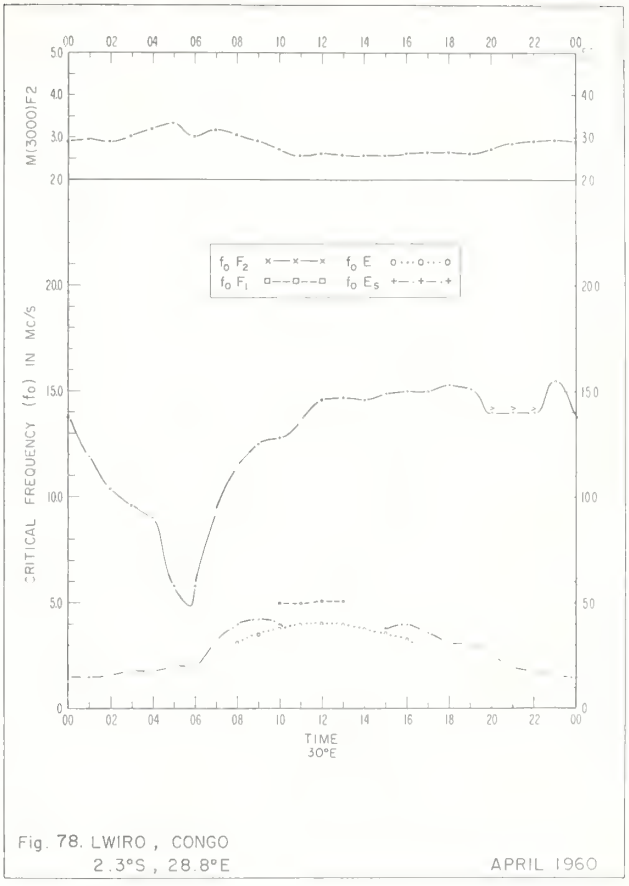

Fig. 78. LWIRO, CONGO
2.3°S, 28.8°E
APRIL 1960

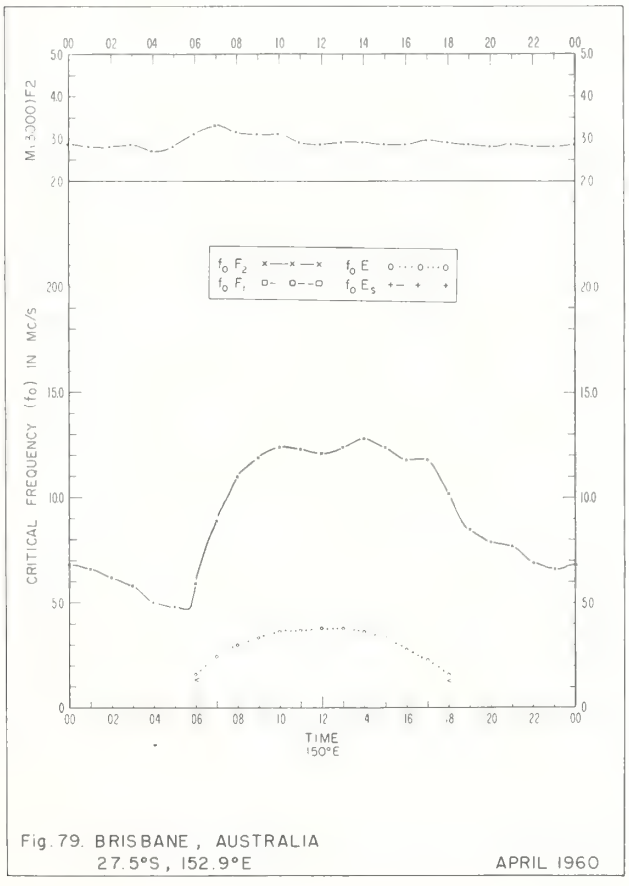

Fig. 79. BRISBANE, AUSTRALIA
27.5°S, 152.9°E
APRIL 1960

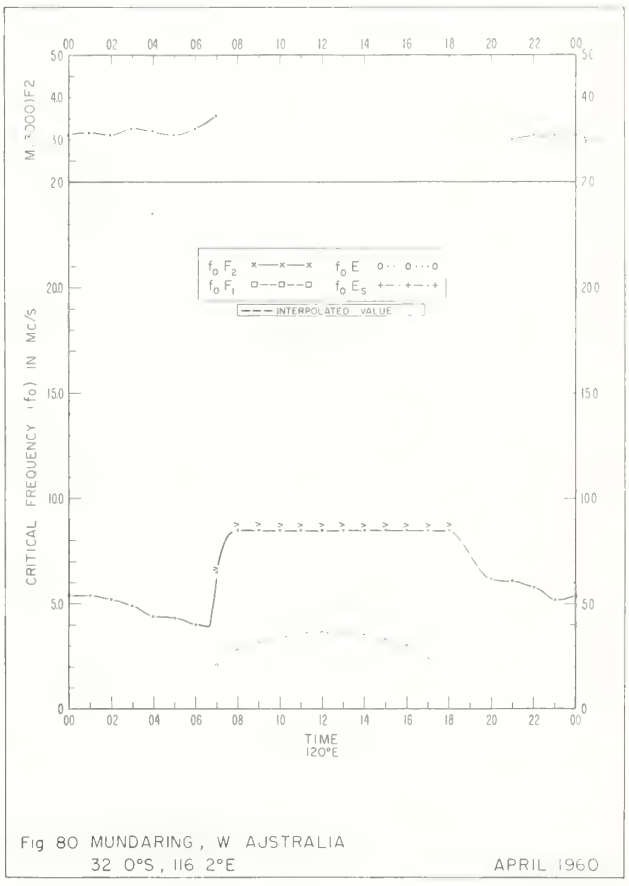

Fig 80 MUNDARING, W AUSTRALIA
32 0°S, 116 2°E
APRIL 1960

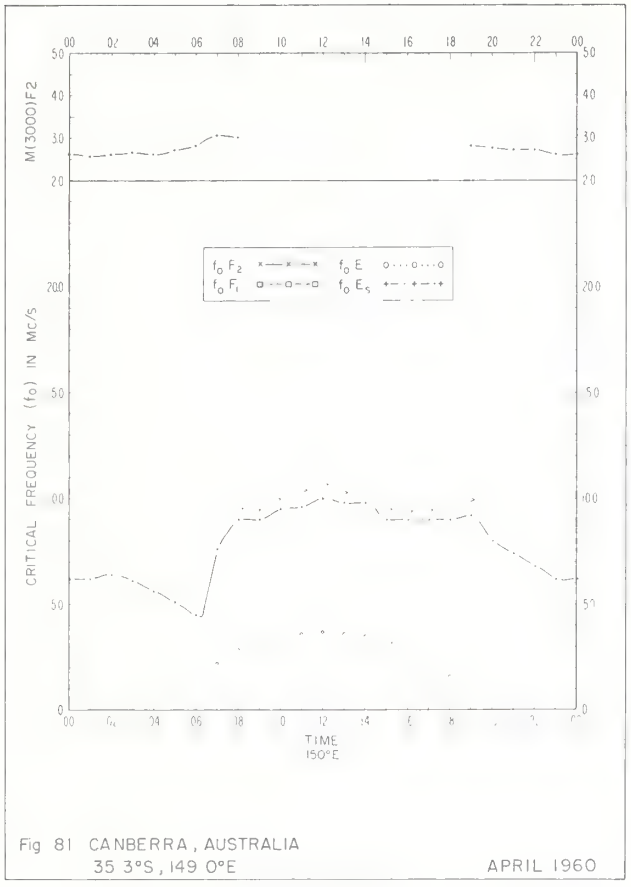

Fig 81 CANBERRA, AUSTRALIA
35 3°S, 149 0°E
APRIL 1960

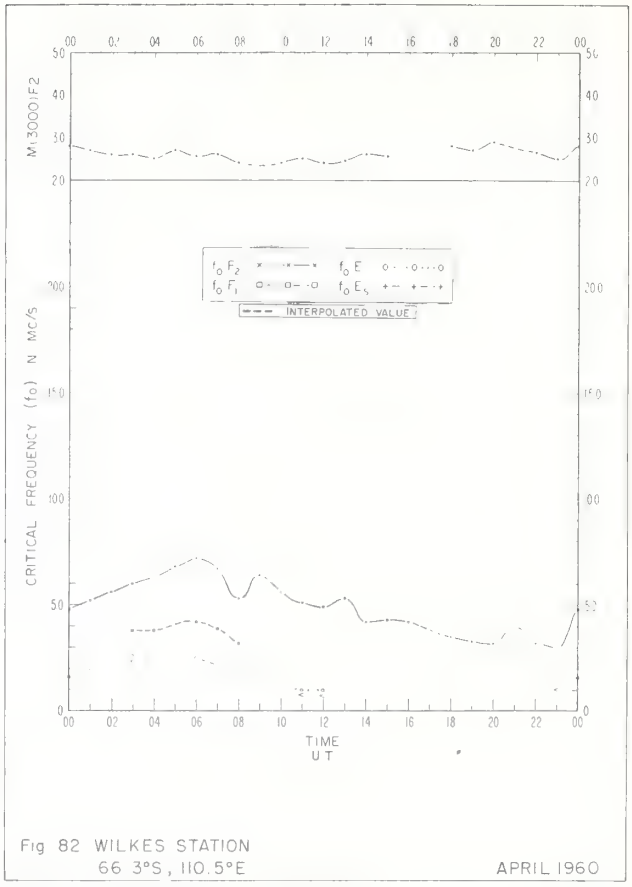

Fig 82 WILKES STATION
66 3°S, 110.5°E
APRIL 1960

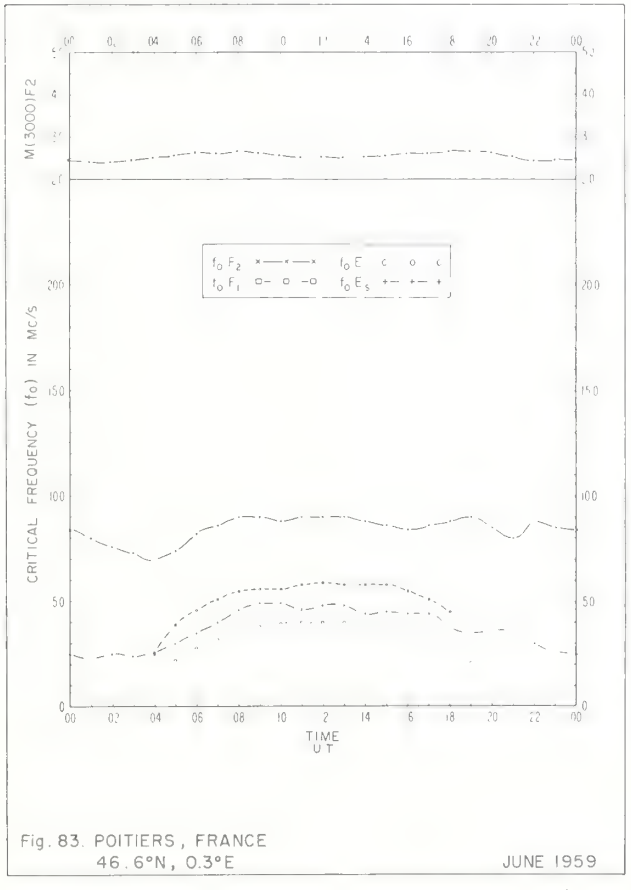

Fig. 83. POITIERS, FRANCE
46.6°N, 0.3°E
JUNE 1959

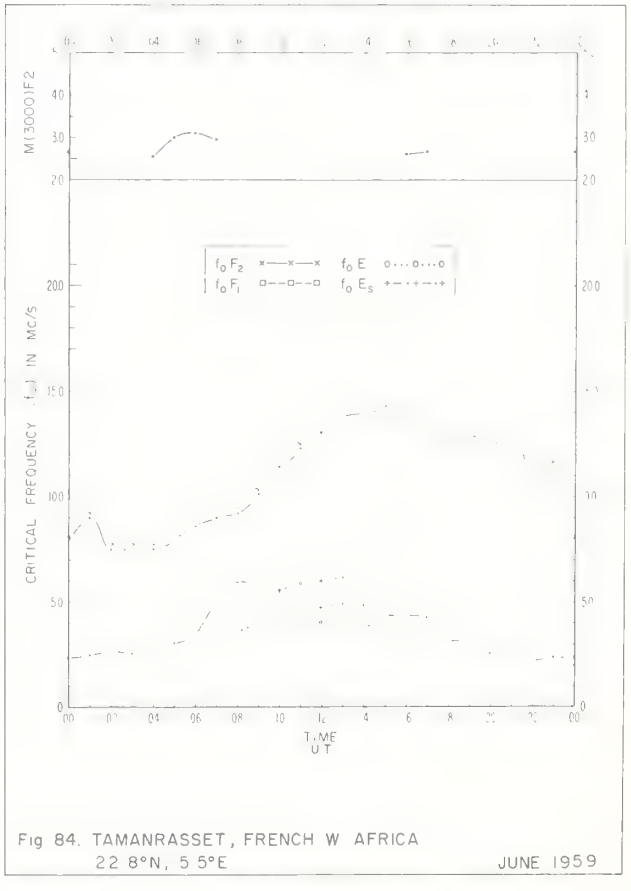

Fig 84. TAMANRASSET, FRENCH W AFRICA
22 8°N, 5 5°E
JUNE 1959

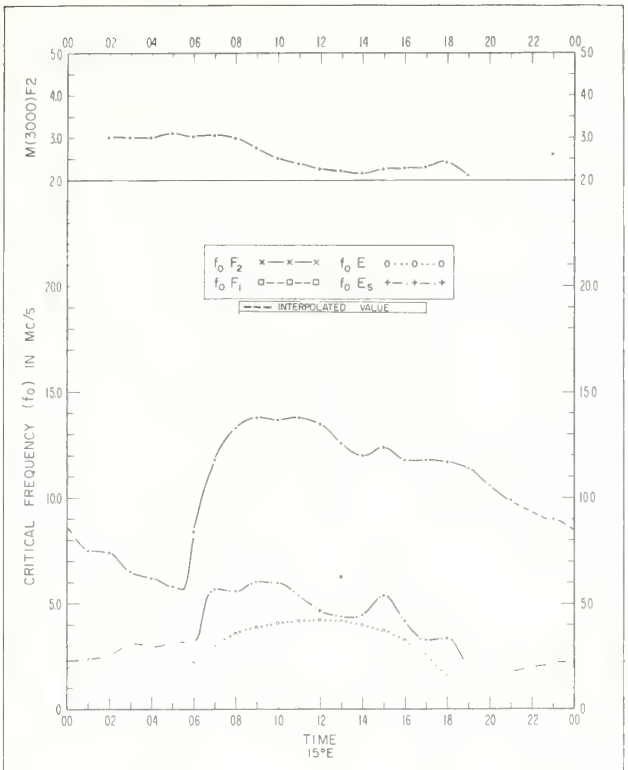

Fig. 85. BANGUI, FRENCH EQUATORIAL AFRICA
4.6°N, 18.6°E JUNE 1959

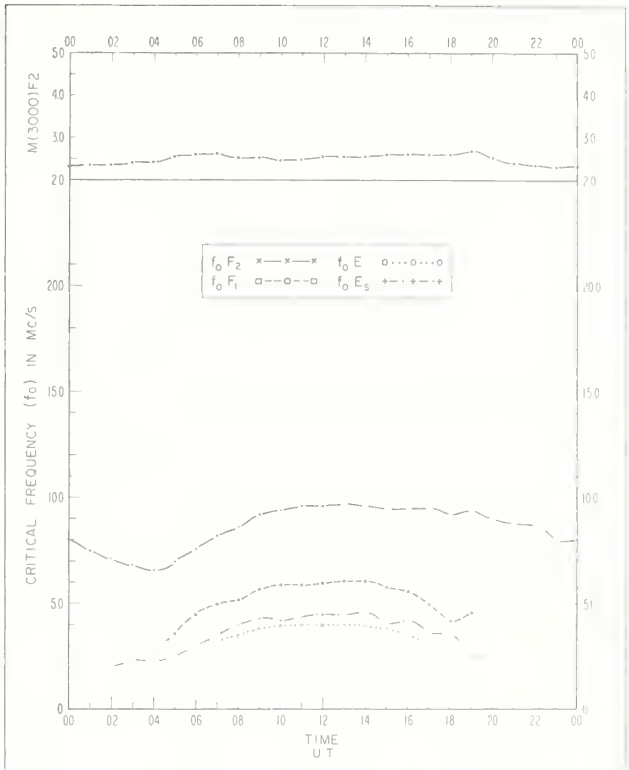

Fig. 86 POITIERS, FRANCE
46.6°N, 0.3°E MAY 1959

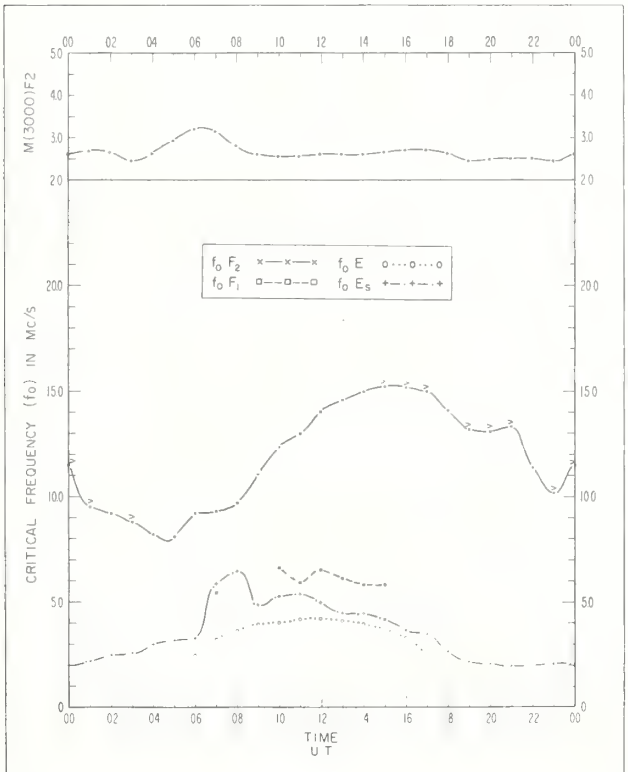

Fig. 87. TAMANRASSET, FRENCH W. AFRICA
22.8°N, 5.5°E MAY 1959

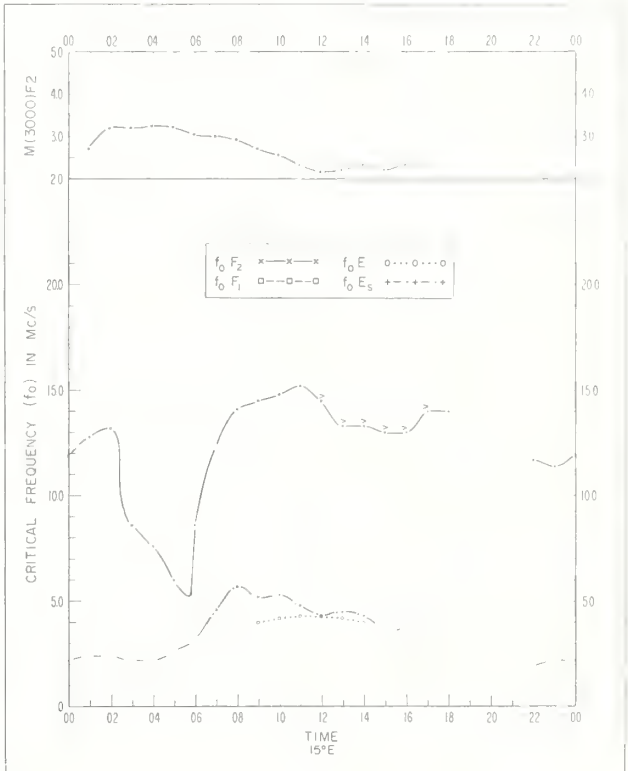

Fig 88 BANGUI, FRENCH EQUATORIAL AFRICA
4.6°N, 18.6°E MAY 1959

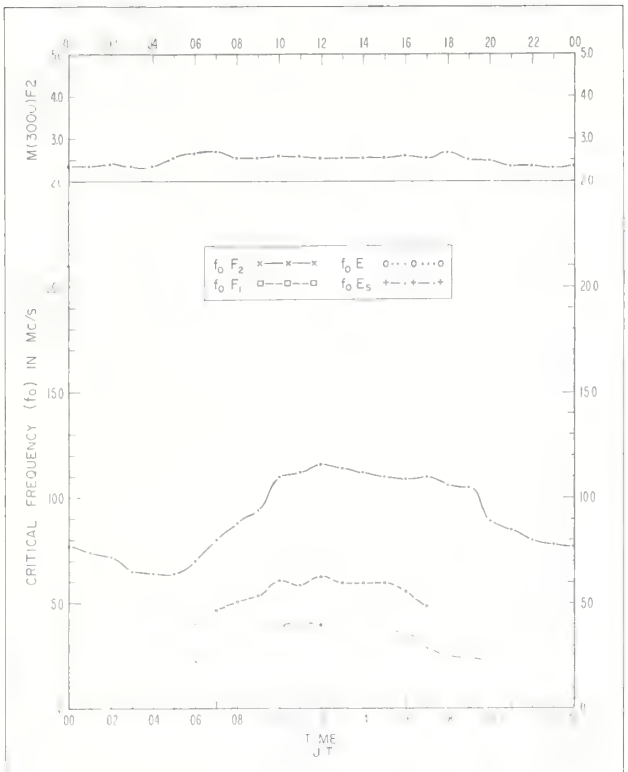

Fig 89 POITIERS, FRANCE
46.6°N, 0.3°E
APRIL 1959

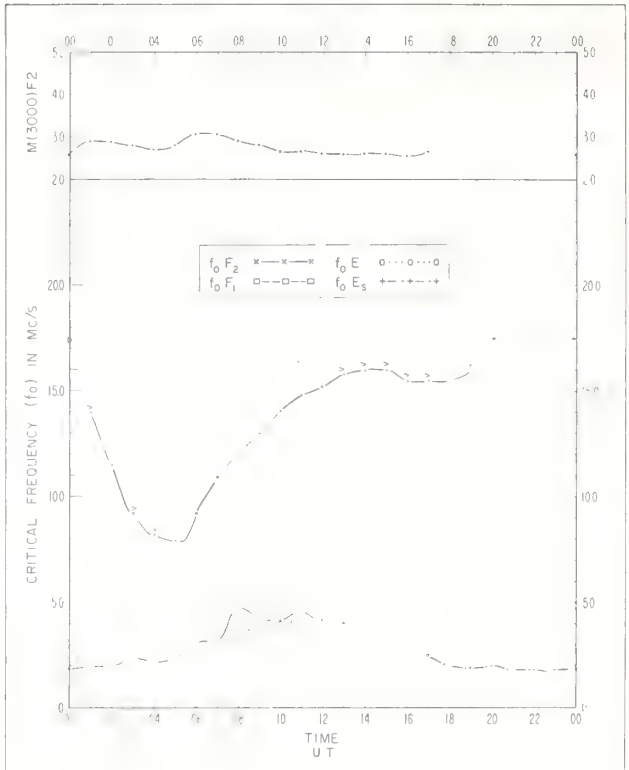

Fig. 90. TAMANRASSET, FRENCH W. AFRICA
22 8°N, 5 5°E
APRIL 1959

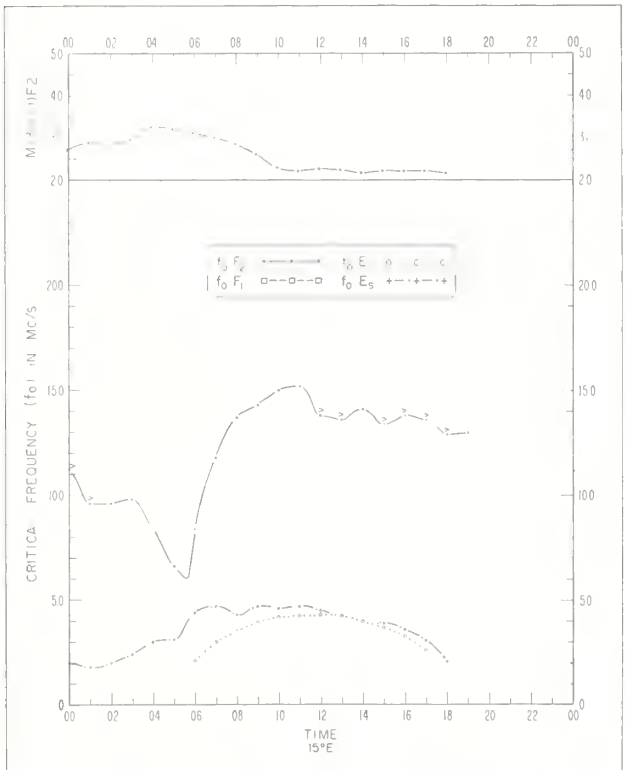

Fig 91 BANGUI, FRENCH EQUATORIAL AFRICA
4 6°N, 18 6°E
APRIL 1959

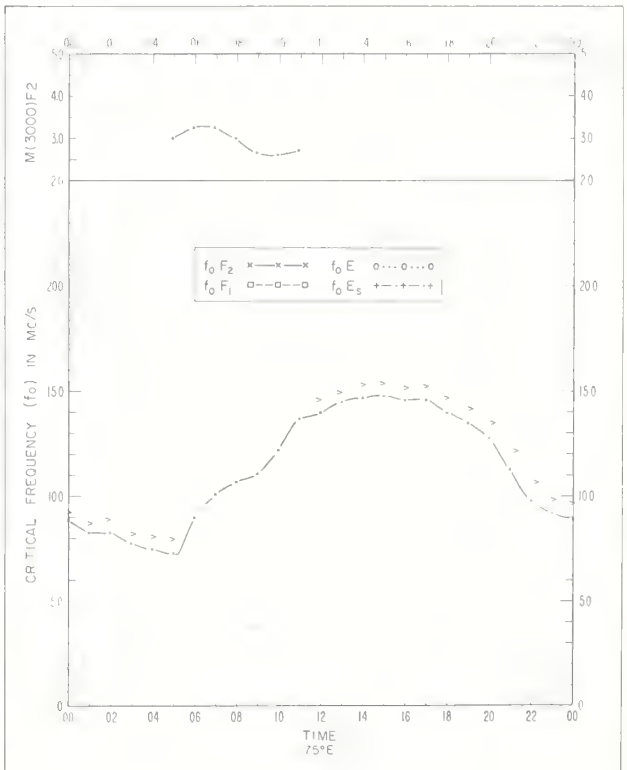

Fig. 92. DELHI, INDIA
28.6°N, 77.2°E
AUGUST 1958

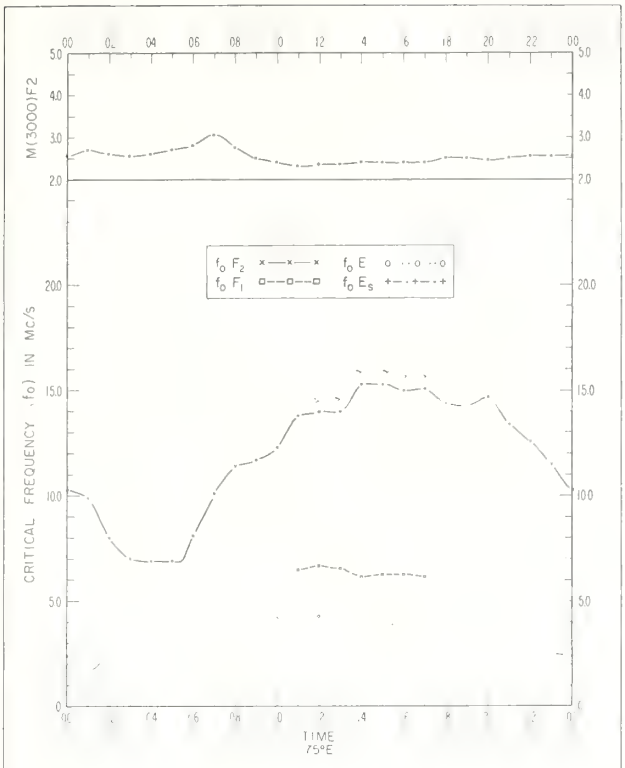

Fig. 93. AHMEDABAD, INDIA
23.0°N, 72.6°E
AUGUST 1958

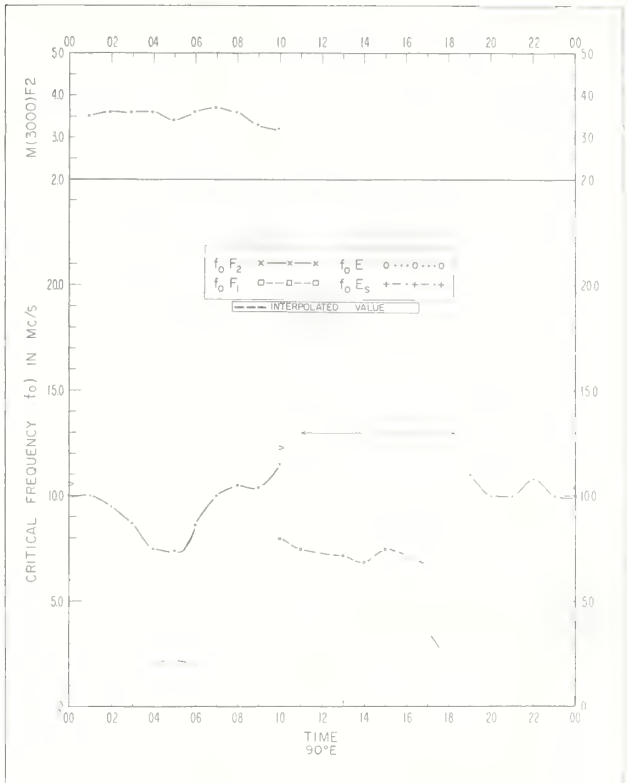

Fig. 94. CALCUTTA, INDIA
23.0°N, 88.6°E
AUGUST 1958

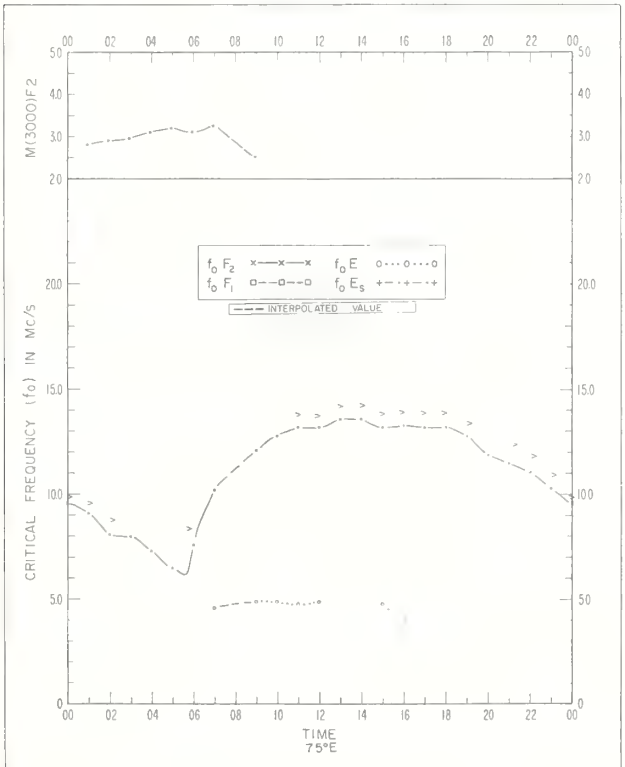

Fig. 95. BOMBAY, INDIA
19.0°N, 72.8°E
AUGUST 1958

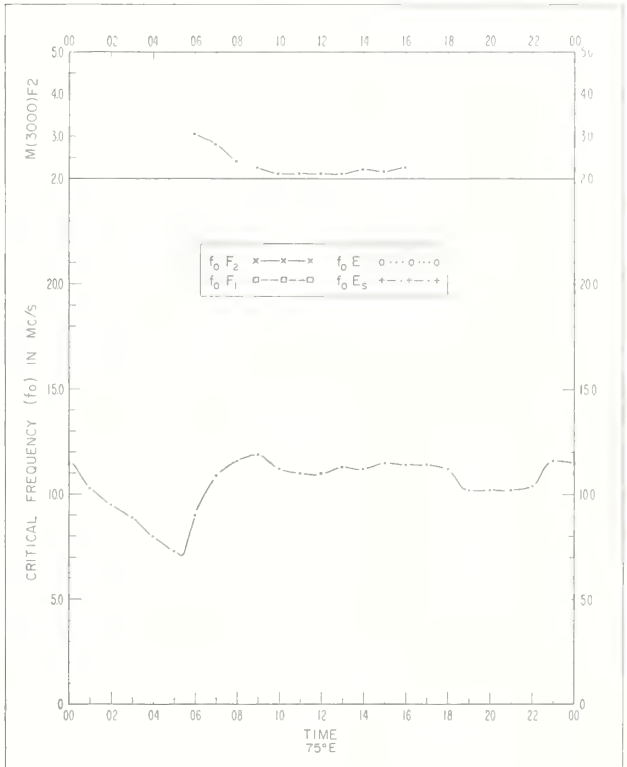

Fig. 96. MADRAS, INDIA
13.1°N, 80.3°E
AUGUST 1958

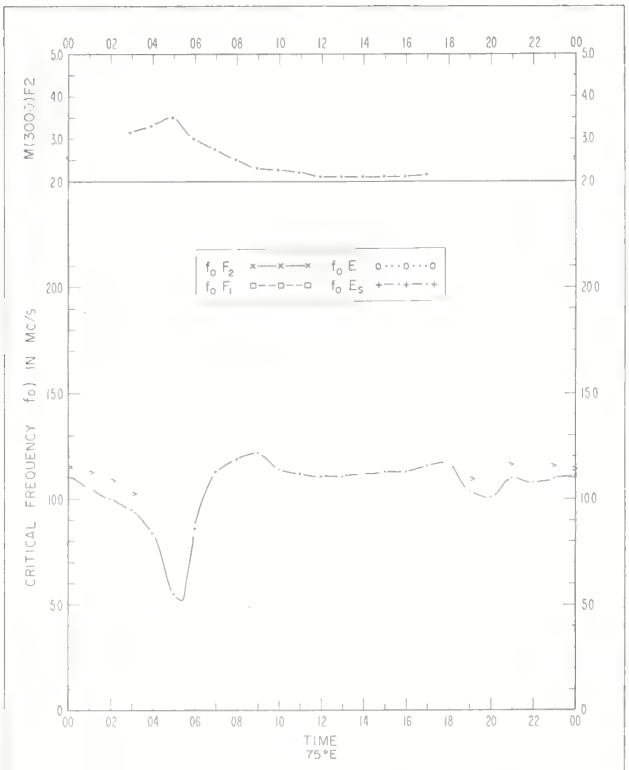

Fig 97 TIRUCHY, INDIA
10 8°N, 78.7°E
AUGUST 1958

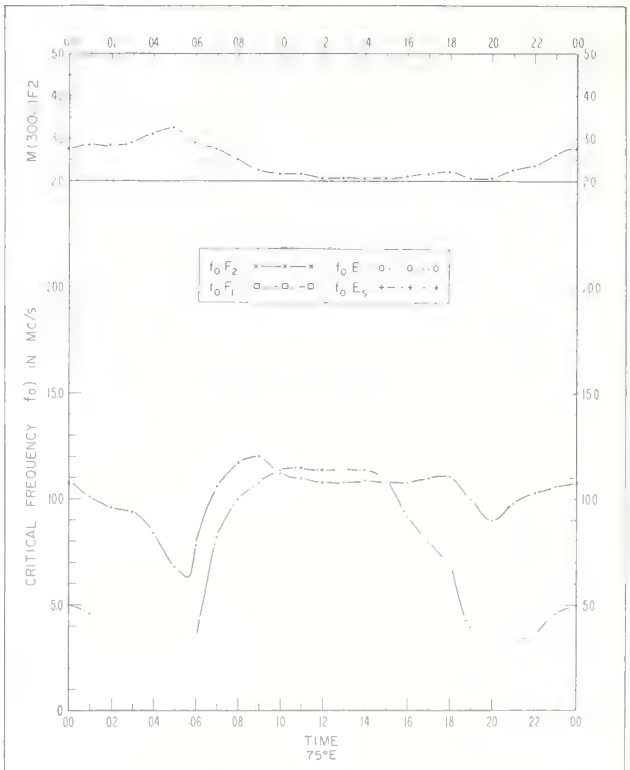

Fig. 98 KODAIKANAL, INDIA
10. 2°N, 77.5°E
AUGUST 1958

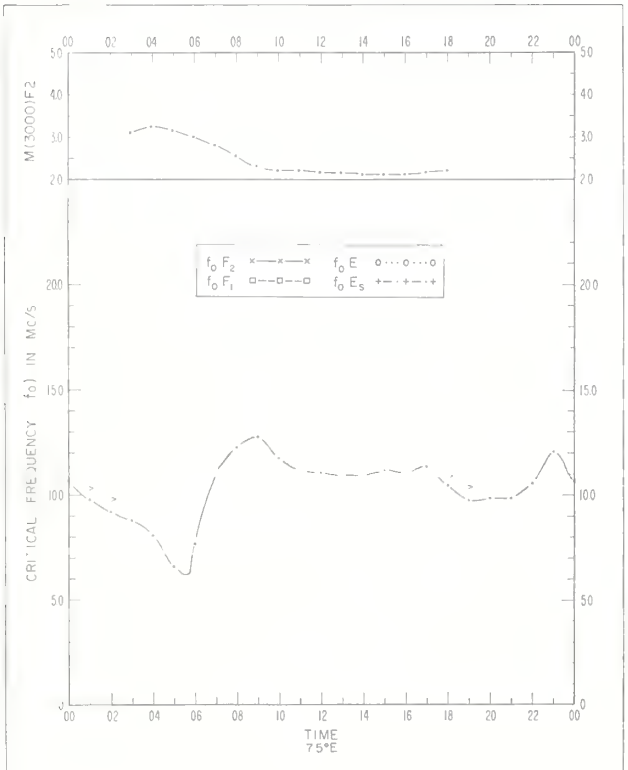

Fig 99. TRIVANDRUM, INDIA
8.5°N, 77.0°E
AUGUST 1958

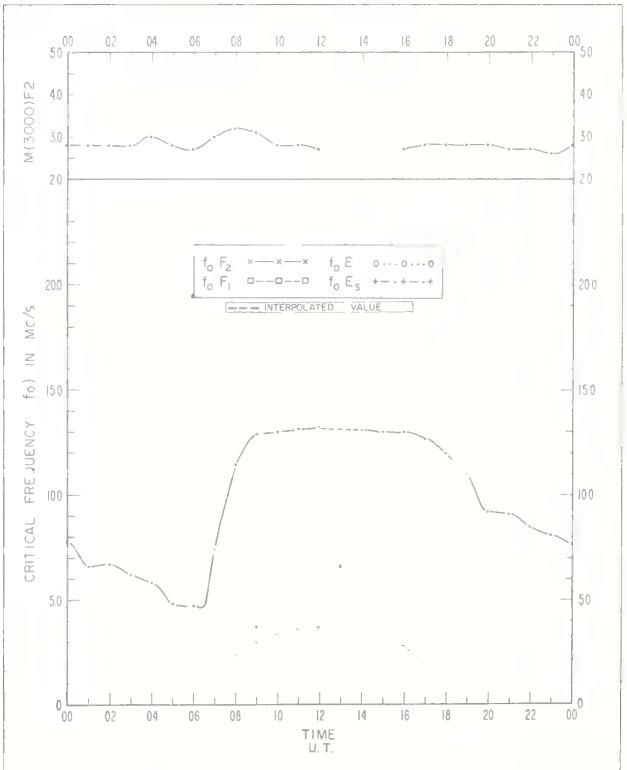

Fig 100. CASABLANCA, MOROCCO
33.6°N, 7.6°W
NOVEMBER 1956

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